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DRUG & CHEMICAL MARKETS

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A Weekly Business Paper for Those Who Make, Sell, or Buy
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VOLUME XII,

NEW YORK, FEBRUARY 28, 1923

No. 9

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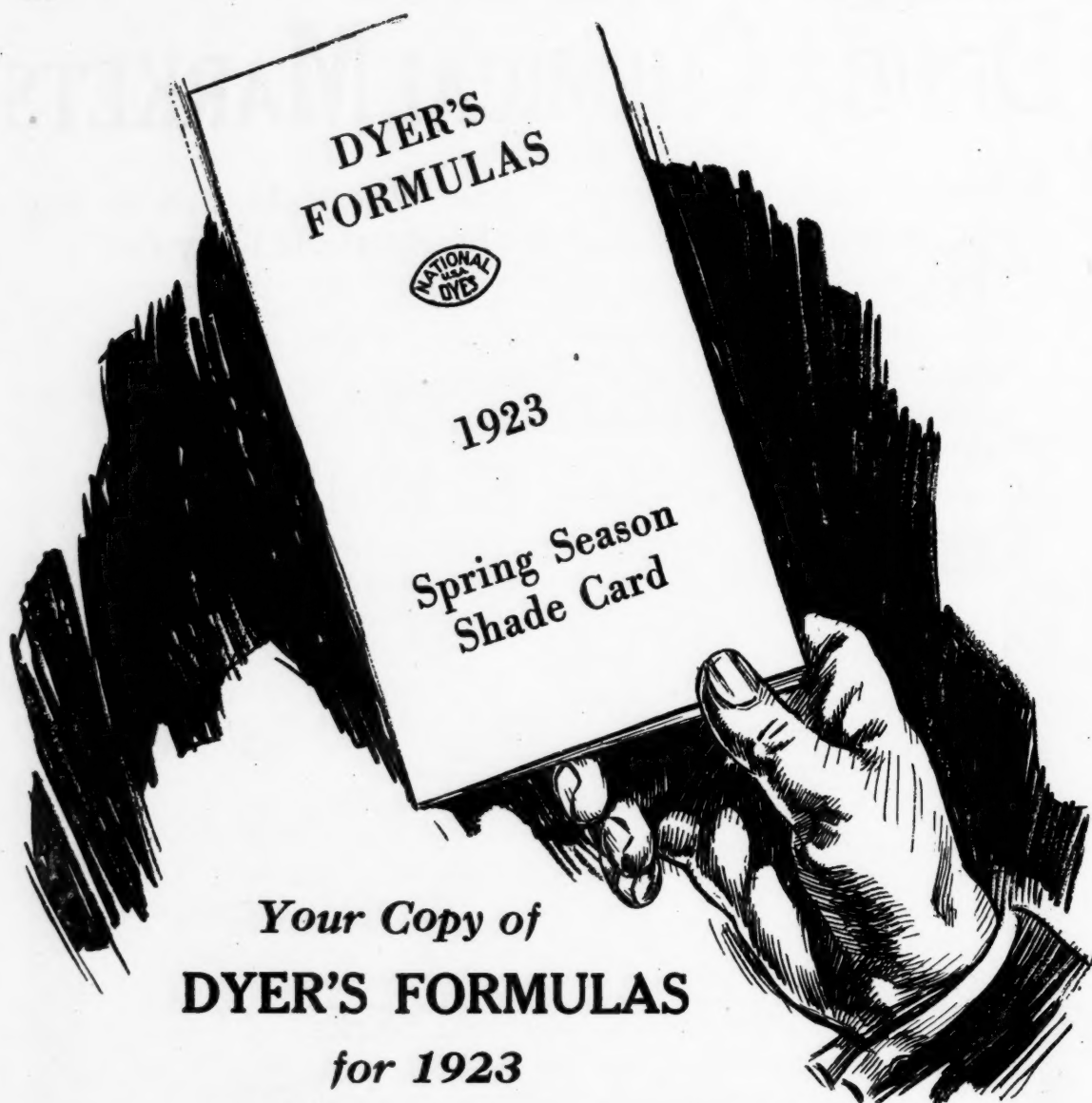
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DRUG & CHEMICAL MARKETS

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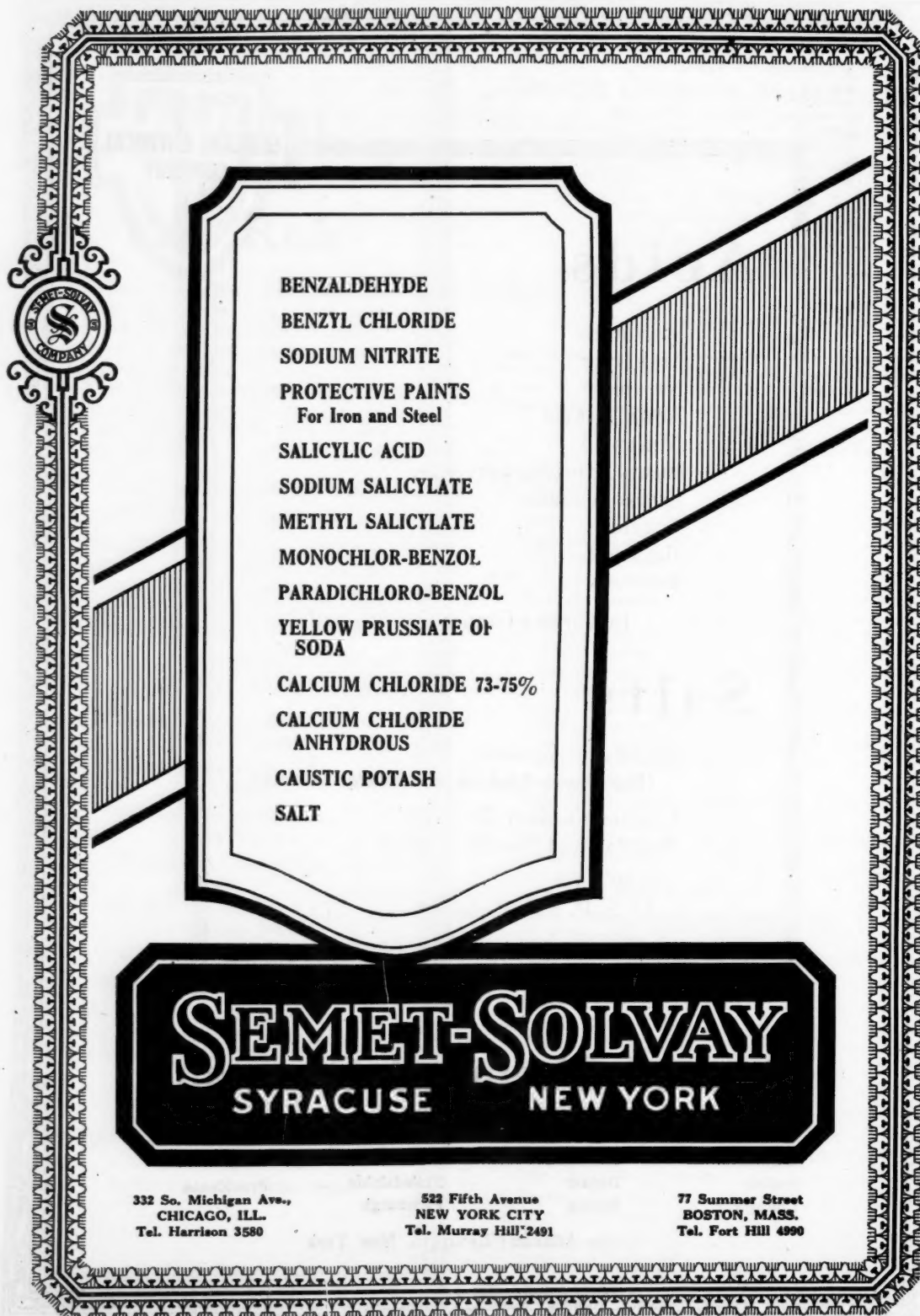
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DRUG & CHEMICAL MARKETS

3 PARK PLACE, NEW YORK

VOLUME XII, NUMBER 9

[FEBRUARY 28, 1923]

WHAT IS A FAIR PROFIT?

Just how much profit can a manufacturer, importer, dealer, or any business organization, make without being accused of profiteering? Where is the dividing line which could be drawn between excessive profit, and a fair return which is demanded by sane business men?

The Government during the war and after tried to answer these questions, and with little success. Economists, lawyers, financiers, and what-not have all tried their hand. The problem remains the same. When any commodity is in demand and supplies are scarce, the buyer is going to pay. On the other hand, when the market is flooded and demand is poor, the buyer is going to have his inning and the seller is the victim of circumstances. Human nature has not changed, neither has the law of supply and demand. Individuals and corporations are not in business from philanthropic motives except in rare cases, and the chief object of conducting a business is profit. To look at the thing from any other angle, whether it be in the case of your best customer, your hardest competitor, or your own organization, is to assume a viewpoint which is not guided by common-sense and honesty.

Judging from the tone of many flowery letters which are only too common at the present day, some sellers do business at a loss with extreme pleasure merely for the joy of having "a company such as yours among the users of our products." The whole thing is a fake, and the reader of the letter knows it is a fake. The seller does business with the buyer because he makes a profit on the transaction. A sale without profit is an unhealthy transaction and sooner or later the buyer will pay the bill in some other way.

The issue in the profit question is, what determines the limits of a fair profit? According to all the "experts," it may be six per cent, or ten per cent, or some other definite figure. According to the experiences of the chemical and drug business of the last ten years, it apparently ought to be all that a seller can get. This, on the surface, looks like a coat of whitewash for the profiteer, but in reality, the sagacity of the buyer and competition very effectively act as a safety governor. Take the case of camphor several years ago. The gum sold in New York at \$3.70 while it cost \$2.20 to import. Almost 70 per cent profit. Outrageous profiteering, complained buyers, many of whom had increased their prices a hundred per cent "owing to the high cost of raw materials." How much sympathy did they waste on the camphor holders, however, when the highly specula-

tive market broke to \$1.10 in a short time and each one of the hundreds of cases sold meant a loss of more than \$100?

The extent of profit should be determined, of course, by the cost, plus—and this is for the seller alone to determine—the degree of risk which he takes. Sale of a high cost product on a close margin, particularly where a break of a small extent in a speculative market means heavy loss, is poor business. Although it may appear to be gouging on the surface, a wide margin of profit in risky transactions is absolutely essential. Any investor who will put money into an enterprise is entitled to a fair return. If it be Government bonds, 3 1-2 per cent is enough; if it be wild-cat oil stock 350 per cent is not enough. The same rule should govern chemical and drug profits. The circumstances alone can determine what is or is not a fair profit. No arbitrary set percentage is ever fair for all transactions.

"KNOW THY GOODS"

"Although we have been in touch with the firms whose names you gave us recently, and they are able to supply some of the products asked about, none of them appears able to give us information regarding the uses of these products even if we do purchase the goods. We believe that we can use these products to advantage, but where are we going to find out about their uses if not from the firms which want to supply us with the goods?"

This was the complaint of a firm which recently investigated the possibilities of using a different style of raw materials in a minor part of their business. The houses with whom they communicated, were all more or less anxious to get their business,—to sell them the goods, but when it came to going into details regarding the uses of the goods, they were very sorry, but they really knew little about the actual uses of the materials in question, and so forth.

The old adage, "Know thyself," becomes "Know thy goods" in business, and to this might be added, "—and what they are used for." Too many firms are trying to sell goods to-day without knowing what they are selling. The difficulty is not so pronounced, perhaps, where manufacturers are selling their own line direct to the consumer, but in the case of "exclusive sales agents," woeful ignorance is only too common. The difficulty may be due to lack of technical knowledge to some extent on the part of the sales force, to inexperience with the line, or to the plain ordinary garden variety

of laziness, but in no case of this type is complete ignorance excusable.

There are salesmen on the road to-day who brag that they "can sell anything." That is just the difficulty when it comes to the chemical and drug fields. Too many men are selling these technical products to-day without knowing just what they are doing. Except that a man has had many years of experience and learned the ins-and-outs by actual contact with the problems, serious errors are inevitable and the salesman in question will not be able to take full advantage of knowing the consumer's needs even after the latter have been revealed. It is purely a case of knowing and not knowing. Suggesting new uses for a seller's products should not be left to the buyer. Technical knowledge of one's own line is essential to intelligent selling.

AMERICA'S OPPORTUNITY

Nearly five hundred chemical products were included in the reports of the Tariff Commission submitted to Congress to aid in revising the tariff. Specific and detailed information was furnished on fifty or more commodities that have not appeared in previous acts. Surveys were made for industrial alcohol, oleic and stearic acids, hydrogenated and chemically treated oils and fats, and acetaldehyde and its compounds.

Exports of domestic dyes for 1921 show a decrease of 79 per cent compared with 1920. The Commission explains this loss of export trade in part to the general business depression, but asserts that the chief cause was the appearance of German dyes in China, India, Japan, and other foreign markets. Domestic producers were unable to compete with the Germans in those fields at this time. Now the opportunity seems ripe to recover a part of this trade by energetic work while conditions in the German dyestuff manufacturing districts are unfavorable, owing to high wages, advances in coal prices due to scarcity, and lack of orders from foreign customers who are awaiting more settled conditions in Germany, evidently doubting the ability of producers to make prompt deliveries.

DANGER—INFLATION AHEAD?

With business broadening out and a consequent bigger demand for credit, the various departments of the Government are posting warning signals against undue speculation and consequent inflation. Financial agencies are expanding with extreme care in the matter of credits, according to reports, with the avowed intention of preventing anything like the debacle of 1920-21 which followed the bursting of the post-war inflation bubble. With Europe in very poor condition financially, anything which may be done in the United States to stabilize finances here over the next few years, will tend to help Europe recover, according to Government authorities.

The danger of inflation does lie directly ahead for the reckless and heedless speculator. Sound business plays no direct part in the false expansion process of over-inflation, however, and is not to

blame in a financial crash such as that of 1920. Sound business is at fault, nevertheless, if it advances credit to the "bubble builder," the inflation drone who never produces anything, and profits by risking the money of others. The present business stage in the United States is "set" for a possible inflation period, but the possibility can be fully negated by guarding against the extension of credit in speculative channels and confining expansion to operations which are not liable to get out of hand. Boycott the speculator and the "shoestring" operator,—guard against a recurrence of the 1919 buoyancy—and the expansion of business can be orderly and minus the dangers of three years ago.

If the man who says he can make rain by scattering electrified sand on the clouds from an aeroplane succeeds, it is said that a miner from Montana will try to extract the silver lining that every cloud is reported to possess. Next!

Many Men: Many Minds

The bootlegging profession seems to have all but wiped out the army of the unemployed.—Don Marquis.

King Tutankhamen was a good advertiser, but it has taken 3,000 years to write the copy and have the cuts made.—Shoe and Leather Reporter.

It seems the irony of fate that the Germans, who were in the way of conquering the earth with their dye industry, should by their overreaching have fallen into their own vats. No American will rejoice over this misfortune, but we may take satisfaction in knowing that in this vital industry we are now practically self-sufficient.—New York Times.

Sir Ernest Benn, in urging British firms to "get into Europe quickly," reminds them that whatever view may be taken of the political situation as between France and Germany there can be little doubt that for the moment the state of affairs on the Ruhr gives our trade and commerce opportunities which were not available a few weeks ago.—London Chemical Age.

FIFTY YEARS AGO, BEFORE—

Broadway even had its horse cars, when rickety old stages ran from Wall Street north, and any place in New York north of 42nd Street was out in the country, John McKesson, now president of McKesson & Robbins, Inc., was in the opium business. From a point in the heart of the drug trade, he has viewed the developments in narcotics in the United States for half a century. He was an importer when opium comprised the exclusive business of several big New York drug brokers. He has seen the old order of things pass with the coming of the Harrison Act and other laws. He has seen from the "inside" the rapid wane of opium in the American drug trade. He is one of the few opium experts of the old school still active in the drug trade.

"Five Decades in the Opium Business," by John McKesson, will be published in next week's issue of DRUG & CHEMICAL MARKETS, March 7th.

Business Courses for Chemists Approved

Suggestion for Co-operation Between Leading Universities and Local Sections of the American Chemical Society Favorably Received—Curriculum Discussed

VIEWS of leading chemists and university authorities on a suggestion by DRUG AND CHEMICAL MARKETS that a course on the business side of the chemical industry might be given in co-operation with university extension work by the big universities and the local sections of the American Chemical Society indicate that the idea has been favorably received. The need of such a course is admitted by a majority of the chemists and professors of chemistry to whom the plan was submitted. Critics frankly state their objections and tell of possible difficulties in arranging a course to suit the requirements of different classes of students. A complete curriculum is offered by the Mellon Institute by way of suggestion. Instruction in business practice and customs would aid chemical engineers, particularly, to reach the goal of plant managers, and would aid research chemists in arranging and applying the results of their discoveries in conformity with business principles which would appeal to the business management and to investors. The recent establishment in New York and Philadelphia, under the auspices of the Salesmen's Association, of elementary courses in chemistry for chemical salesmen naturally suggested the importance and advisability of business courses for chemists. The following responses have been received:

ARTHUR D. LITTLE, Chemist, Cambridge, Mass.—

Your suggestion of university extension courses on the business side of the chemical industry is an admirable one, and I assume it to be altogether probable that the local sections of the American Chemical Society will be glad to co-operate to make it a success.

The formulation of curricula for such courses would involve more time than I am able to give at the moment, but when the matter has progressed further it may be that I can assist in this connection.

As bearing on the need of extension of chemical education the following true story is perhaps not out of place: In the early days of the war two gentlemen of alert and business-like appearance called upon me and said: "We have come to ask you to be good enough to explain what picric acid is. We have just closed a contract to deliver 10,000,000 pounds of it."

A. W. BROWNE, Department of Chemistry, Cornell University—

After conferring with certain of my colleagues in this matter, I would say that in our present opinion the elementary course in chemistry suitable for chemical salesmen would be practically our regular elementary course in that subject. It seems to us that the comparatively few hours devoted during one semester as our course is at present given is about the minimum that could possibly be devoted to the subject of introductory chemistry with any hope of inculcating any definite information at all concerning the elements of the science. This elementary course might well be followed by subsequent work that would show the student the proper method of "selling" chemistry or any chemical product to a prospective purchaser.

In the present opinion of the undersigned, at least there is much to be said in favor of offering a single broad elementary course in chemistry to all beginners in the subject whether they plan to enter chemistry as a profession or as a business, or whether they plan to specialize in agriculture, medicine, biology, architecture, or whatever field of work.

FRANK C. VILBRANDT, Professor of Industrial Chemistry, University of North Carolina—I wish to go on record as entirely opposed to the establishment of any chemical course for chem-

ical salesmen. I believe any salesman who expects to become a superior chemical salesman should be trained in all the fundamentals of chemistry, know and think chemistry. An elementary course in chemistry for salesmen, or for cultural students, or anybody is a dangerous thing. A little learning is indeed dangerous in chemistry. Therefore, I believe that the proper type of student, whose characteristics will make him a success as a salesman, should first take a full four-year course in chemistry, the fundamentals of chemistry fully ground into him, then let him select a good course in the fundamentals of salesmanship.

HARRY R. TOSDAL, Professor of Marketing, Harvard University Graduate School of Business Administration, Cambridge, Mass.—I believe that such education is highly desirable and that, if more technical men knew something about merchandising and if more purely merchandising men knew more about the technical aspects of the products with which they are dealing, the result would be reflected in greater economies.

MARSTON T. BOGERT, Department of Chemistry, Columbia University—Replying to your letter of the 6th instant referring to courses in chemistry for chemical salesmen, I would suggest that you take the matter up direct with Professor Daniel D. Jackson, the head of our Department of Chemical Engineering, who is far better qualified to express an opinion in this field than I am, since my work has to do with pure scientific research rather than with the industrial or commercial side of chemistry. Please do not gather from this, however, that I labor under the delusion that laboratory research is any more worthy than the translation of test-tube experiments into successful production for the benefit of the community.

A. B. WRIGHT, Dean of the School of Economics, University of Pittsburgh—Your letter of February 6 addressed to the Professor of Economics has been referred to this department for answer. The School of Economics, which is the School of Business Administration of the University of Pittsburgh will be glad to co-operate in any plans for teaching Elements of Business for the local section of the American Chemical Society.

W. A. Hamor, Mellon Institute of Industrial Research, University of Pittsburgh—In response to a demand for university instruction in commercial, industrial and financial science from ambitious men whose employment during the day prevents them from attending day classes in schools of economics, several of these schools in American universities offer evening courses, both for degrees and for certificates. It is thought that, in general, these evening schools of economics, accounts and finance are capable of meeting the outstanding needs of chemists and engineers who wish to supplement their professional training with a systematic study of the organization and administration of modern business. It is usual in schools of this type to provide courses in accounting (elements; principles; auditing; systems; costs, railroad, public utilities and investment accounting; C. P. A. course); business law (contracts; agency; bankruptcy; partnerships; corporations, finance (general economics; money and banking; corporation finance and investments), and business management and organization (principles of business; traffic and transportation; commercial and industrial history; foreign trade; insurance; credits and collections; salesmanship; advertising; psychology applied to business; business English; public speaking). Courses may also be had in commercial Spanish, French and German, and in social science, especially government and citizenship.

I think that it is unusual for chemists and engineers to avail themselves of the opportunities for pursuing evening courses in economics such as are offered by New York University, University of Pittsburgh, and other institutions. This condition obtains notwithstanding the evident importance of the acquisition of specialized knowledge of business who have good chances to advance to executive posts, provided they acquire and demonstrate administrative power as well as show technical ability. There is no doubt that there is a real scarcity of chemists and chemical engineers possessing business training, although I am acquainted with a number of young men in the profession who are studying branches of economics at home in the evenings, either by themselves or through correspondence courses. The reason that more chemists do not enlarge their executive qualifications by the acquirement of business knowledge is that, because of the constantly growing voluminous literature of chemistry, with which they must maintain some acquaintance, they do not feel that they have time.

However, the chemist who is devoting his attention to a specific branch of industry does have ample time, if he will plan to utilize it, in which to gain business training. The right sort of factory executive will encourage young chemists to pursue such study if they seem to possess the requisite personality and technical ability for progressing to positions of leadership. But the recognition of latent executive ability is difficult at times, and it is also likely to be neglected or overlooked; consequently the fire of business enthusiasm may be kindled with more certainty by inspiring addresses, setting of local examples, and arranging for definite classes of chemists in evening schools of economics. Certainly the local sections of the American Chemical Society which are located in university towns or cities can enact a stimulating role in furthering the recognition of the industrial importance of chemistry by fostering co-operative relationships with the institutional evening schools.

In addition to subjects in business management and organization (listed above), courses should also be available to chemists in the following branches (all elective to men who hold the degree of B.S. in chemistry or chemical engineering and who wish to pursue merely a special course in a selected group of subjects); factory management, social economics, industrial engineering, technical reporting, and chemical economics. As you may know, chemical economics is practically neglected in the university courses in chemistry, although Dr. Breithut, at the College of the City of New York, and Dr. Shinn, at the University of Pennsylvania, have done pioneer work in elaborating courses of instruction in this broad subject.

The following is an outline for a course in economics for chemists:

First Year	Second Year
General economics.	Business law.
Business law.	Corporation finance.
Business English.	Principles of business.
Third Year	Fourth Year
Business psychology.	Factory management.
Industrial history.	Chemical economics.
Industrial engineering.	Technical reporting or social economics.

But, as indicated, it is thought that special courses constituted of selected subjects to suit individual cases will appeal most to chemists in industrial service.

I think that the University of Pittsburgh will be glad to co-operate with the chemical profession in this district, for the purpose of providing special courses in economics and other subjects of interest to chemists in its evening school.

JAMES R. WITHROW, Department of Chemistry, Ohio State University—I think your idea of having co-operation in teaching of some Chemistry to Chemical salesmen, where a sufficient group of these men exist in connection with the locality or a University or local sections of the American Chemical Society, a splendid project.

In answer to your inquiry as to what subjects (chemical) a curriculum should cover, it is my idea that it should be rather heart to heart talks of common sense nature which will connect chemical questions which occur in the arts with the common sense of the salesman rather than any attempt at a scientific study of chemistry. It would be a bore and a misfortune if the average professor of chemistry would take up such work and attempt to give anything like the course which is necessary to give to students who expect to make a specialty of the science of chemistry itself.

What these men need is quite a different matter. They need to learn just what questions they may expect to meet and which they probably will meet which are chemical in nature. These frequently can be answered by common sense, providing the salesman was not frightened by their chemical or scientific nature. The average professor in chemistry is not competent to anticipate the nature of such questions, though he frequently could be greatly helped by a competent salesman putting to him such questions as the salesman himself faces. An instructor of chemistry who has worked in the industries or who concerns himself with such practical questions would be an asset to such men, for he would not consider himself superior and, therefore, would command their respect.

I think your project a worthy one. I would be glad to take it up myself if there was a demand here. I doubt if there is.

Stamp Taxes and the Drug Trade

Methods Used by a Number of Widely Known Proprietary Manufacturers Years Ago Revealed by Stamp Collections

By FRANKLIN S. SMITH

DURING the past sixty years the drug trade has borne its own share of taxation, and this has been collected in stamps attached to the packages of proprietary articles. At the time of the Civil War, Congress, realizing that nearly everyone uses medicines, perfumes, cosmetics and playing cards, etc., laid a stamp-tax upon them, which of course was passed on to the consumer, and therefore fairly shared.

To the drug trade the stamps they were obliged to use as part of taxes, were looked upon as an irritant rather than a future asset. Little did Chas. Osgood & Co. think when they used the six cent proprietary stamps for their \$1.50 preparations, that in a few years their value to the stamp collector would go from \$2.00 in 1877 to \$60.00 at the present time. When Starkey & Palen used the 50c green and black stamp on their "Compound Oxygen," they never imagined it would be worth twenty or twenty-five dollars; and as to the \$5.00 stamp of the same issue which was used on casks of bay-rum, the present value of from \$250 to \$350 would compare favorably with a bootlegger's price for "the real stuff."

The Second Session of the 37th Congress passed on July 1, 1862, "An Act to provide Internal Revenue to support the Government and to pay Interest on the Public Debt." This Act provided for a Commissioner of Internal Revenue with authority to provide stamps and dies for denoting the several stamp-duties, to alter and renew such stamps from time to time. The Act required that all stamps used should have the initials of the user and the date upon which the same was used, so that it might not be used again. A penalty of fifty dollars was laid upon any person who fraudulently made use of such a stamp without so effectually cancelling it. A provision was also made that any proprietor of articles subject to stamp-duty might have the privilege of furnishing without expense to the United States his or their own dies or designs for stamps, subject to the approval of the Commissioner of Internal Revenue, which should remain in his possession and not to be duplicated for any one else.

"In all cases where such a stamp is used, instead of his or their writing his or their initials and the date thereon, the said stamp shall be so affixed on the box, bottle or package that in opening the same, or in using the contents thereof, the said stamp shall be effectually destroyed, and in default thereof shall be liable to the same penalty imposed for neglect to affix such stamp as hereinbefore prescribed by this act." Counterfeiting, and the use of counterfeits were forbidden and penalties declared. "And be it further enacted:—That on and after the first day of August, 1862, no person or persons, firms, companies or corporations shall make, prepare, and sell, or remove for consumption or sale, drugs, medicines,

To examine closely a good collection of old time proprietary stamps—in the days when they bore the name and trade-mark of the manufacturer—is to look back into the early history of the patent medicine business of America. Mr. Smith, who is a well-known soap manufacturer, has what is considered one of the best collections of old proprietary stamps in existence and is an authority on the stamp tax and its history in relation to the American drug trade.

preparations, compositions, articles or things, including perfumery, cosmetics, and playing cards, upon which a duty is imposed by this act, as enumerated and mentioned in Schedule C., without affixing thereto an adhesive stamp or label denoting the duty before mentioned, and in default thereof shall incur a penalty of ten dollars. Provided:—That nothing in this act contained shall apply to any uncompounded medicine drug or chemical, nor to any medicine compounded according to the United States or any other national pharmacopoeia, nor of which the full and proper formula is published in the dispensatories, formulæ or text-books in common use among physicians and apothecaries including homeopathic and eclectic, or in any pharmaceutical journal now used by any incorporated college of pharmacy, and not sold or offered for sale, or advertised under any other name, form or guise, than that under which they may be severally denominated and laid down in said pharmacopoeias, dispensatories, text-books or journals as aforesaid, nor to medicines sold to or for the use of any person which may be mixed and compounded specially for said persons, according to the written receipt or prescription of any physician or surgeon."

Schedule C. was as follows, and is identical in wording with that of Schedule B. of the Act of Congress June 13, 1898, providing ways and means for war expenditures and the support of the Government. "Medicinal proprietary articles and preparations: For and upon every box, packet, bottle, pot or phial, or other inclosure, containing any pills, powders tinctures, troches, lozenges, sirups, cordials, bitters, anodynes, tonics, plasters, liniments, salves, ointments, pastes, drops, waters, essences, spirits, oils, and all medicinal preparations or compositions whatever, wherein the person making or preparing the same has or claims to have any private formula, secret, or occult art for the making or preparing the same, or has or claims to have any exclusive right or title to the making or preparing the same, or which are prepared, uttered, vended, or exposed for sale under any letters patent or trade-mark, or which, if prepared by any formula, published or unpublished, are held out or recommended to the public by the makers, venders, or proprietors thereof as proprietary medicines, or medicinal proprietary articles or preparations, or as remedies or specifics for any disease, diseases, or affection whatever affecting the human or animal body, as follows:

"Where such packet, box, pot, phial or other inclosure with its contents, shall not exceed at the retail price or value, the sum of twenty-five cents, one cent." (Between twenty-five and fifty cents, two cents; between fifty and seventy-five cents, three cents; between seventy-five cents and one dollar, four cents; for each additional fifty cents or fractional part thereof

in excess of one dollar, two cents.) Perfumery and cosmetics and other similar articles were taxable to the same amounts for the same values. Butler & Carpenter of Philadelphia held the contract for the engraving and printing of this class of stamps, from August, 1862 to September, 1875.

Cancellation With Pen and Ink

While many of the stamps were cancelled as required with pen and ink, the greater majority of them were cancelled by hand-stamps bearing the initials of the proprietors and the dates used, and some of them were cancelled in quantities on a printing press. Many of these vary from the mere initials and dates, and some are quite unique and of artistic design. "Benton's Pine Tree Tar Troches" cancellation is a framed rectangle with a pine-tree in the center, with the name, title, and date grouped around the tree symmetrically. Another has a druggists' mortar and pestle with a three-line inscription on the side of it, "Poland's Magic Powder."

A story is told of a hospital patient who had been kept on a restricted diet for some time, and finally the doctor said he was well enough to have some solid food. Visions of a plate of corned-beef and cabbage, a cup of coffee, and a wedge of pie came to him, but the nurse gave him only a small piece of buttered toast, and a few spoonfuls of broth. As she turned away she asked him if there was anything else he wanted, and he asked for a postage-stamp so he could do a little reading. She might have brought him one with the following inscription: "Walker & Taylor, Proprietors. W. B. Sloan's Condition Powders, Horse Ointment, Family Ointment, Instant Relief, P. & B.'s Magic Oil. Irving's Pain Curer, 1866."

This first issue was followed by a two-color design in 1871 with the same portrait, but black with an ornamental frame in green, of the same sizes and values with the addition of a fifty cent, one dollar, and five dollar stamps very much larger. Very few of these high values were used and are therefore valued at twenty-five, one hundred and fifty, and three hundred and fifty dollars respectively. As is not unusual among two-colored stamps the first four values are found with inverted centers, and valued at from sixty to two hundred dollars each. Two shades of paper were used, greenish and violet, both sensitive to cleaning agents to prevent them from being used a second time after cancellation. Many interesting cancellations are found on these stamps.

The next series of various denominations was issued in 1875, the design being a profile bust of Washington after that of Houdon, to left, with the frame in the same color. A green paper was used for this issue similar to that of the black and green with the addition of a watermarked paper which was to prevent imitation and counterfeiting. The one cent Proprietary of the first issue was counterfeited, but the chief inclination was to clean the stamps from the cancelling ink. So-called "chemical-paper," the use of machines which perforated or cut into the stamps and heavy printed cancellations were used to prevent fraudulent use.

Use of Private Stamps

The stamps printed from the private dies are of great variety; finely engraved and many of considerable value among collectors. One hundred and thirty-four proprietors used the "medicine," and ten the "perfumery" stamps. Pills, plasters, patent-medicines of many sorts, and "bitters" which consisted largely of alcohol in various forms, all required the stamp-tax. Many of the stamps were long narrow labels put over the top and extending down the sides of the wrapper to insure destruction when opening the package, others

were several inches square but most of them the size of the regular issues they replaced. Three hundred varieties are catalogued and a complete collection would be worth several thousand dollars. That of Clarence H. Eagle who died lately was the most complete and has been sold and scattered among different collectors. Nearly all the portraits of the proprietors which appeared on these private dies are adorned with beards of varying length.

March 3, 1883 an act was passed to reduce internal revenue taxation and repealed "on and after the first day of July, 1883 the stamp-tax on bank checks, drafts, orders, and vouchers, and the tax on matches, perfumery, medical preparations, and other articles." The war with Spain in 1898 called for "Ways and Means to Meet War Expenditures and for Other Purposes," and an act was passed June 13, 1898 requiring a tax on all articles as given in the Act of July 1, 1862 but in less amount, as follows: Where the retail price is five cents, one eighth of one cent, and for every additional five cents, an eighth of one cent up to 25 cents, and for each additional twenty-five cents or fraction thereof five eighths of one cent. Twelve values were issued with numerous shades, ranging from $\frac{1}{8}$ ¢ to 5¢.

The same privilege of furnishing their own designs for stamps was given proprietors, and fourteen took advantage of it resulting in twenty-nine varieties of private dies with two kinds of perforation. The cancellations on the regular issue are far more numerous than their predecessors, one reason being that collectors of stamps are more numerous and the number of proprietors greater, so that more of them have been preserved. The total number of regular stamps issued from $\frac{1}{8}$ ¢ to 5¢ was 1,707,992,644. They were precancelled in part-sheets by various means.

St. Louis Had Trouble With Law

As the law requiring stamps went into effect July 1, 1898 and a number of proprietors found difficulty in obtaining them, a number of interesting and now valuable provisionals were issued by various firms. St. Louis particularly seemed to be in trouble, for six or more firms printed labels all worded similarly, to the effect that "Stamps not being obtainable at time of sale and shipment of this package, tax will be paid on sworn returns thereof to Collector of Internal Revenue, First District of Mo." The Antikamnia Co., two; Lambert Pharmacal Co., one; Meyer Brothers, ten; Jno. T. Milliken & Co., one; Phenique Chemical Co., one; Van Dyke Bitters Co., one. Another scheme was tried with rather disastrous results. The Dr. Kilmer & Co., having a large stock of preparations ready for the market, and knowing that the one cent and two cent postage stamps were being surcharged with a large I. R. for use on bank checks, express receipts, and documents generally, bought a stock of one, two, and three cent stamps and had them cancelled in a similar manner, but with initials and dates as required by the law. The stamps on the packages in the hands of druggists and jobbers had to be replaced, because the stamps being purchased from the post office, that department was receiving the benefit instead of the Internal Revenue, the officially surcharged stamps being transferred to that department at Washington. There are 120 varieties of them, valued by collectors today at from one to ten dollars each.

The Antikamnia Co., and J. Ellwood Lee Co. had monogram cancellations that are more or less popular among the collectors of U. S. Revenues. There are over three hundred and fifty distinct varieties of the AK and thirty-six of J. E. Lee. Of the dates on the private dies of the Emerson Drug Co., printed in

(Continued on page 539)

Dye Import Rules Submitted for Criticism

Treasury Department to Give Consideration to Views Sent in Prior to March 1—Importers Permitted to Take Samples Before Entry—Definition of Competitive Article—Now American Selling Price is to be Ascertained—Importation of Products Not Derived from Coal-Tar—Information Required at Ports Other Than New York—Trade Papers as Source of Information.

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 28.—In issuing a preliminary draft of proposed regulations for the entry and appraisement of dyes, the Treasury Department announces that comments or criticisms received at the department prior to March 1, 1923, will be given consideration in the preparation of the final draft. The proposed regulations read:

1.—Taking Samples Prior to Entry—An importer may be permitted under proper supervision to take samples prior to entry of articles dutiable under paragraphs 27 and 28, and appraising officers may take samples of such articles when deemed necessary.

2.—Information Required Prior to Entry or Appraisement—An importer shall furnish to the appraising officer prior to entry or prior to appraisement such information as such officer may request.

3.—Determination of Similar Competitive Articles—A domestic article shall be considered a similar competitive article as compared with an imported article if, in the use or uses which constitute a major portion of the quantity of the imported article consumed in the United States, said domestic article accomplishes results substantially equal to those accomplished by the imported article when used in substantially the same manner.

A domestic article, which is not freely offered for sale but the predominant use of which is for the manufacture of another similar competitive domestic article, shall be considered a similar competitive article as compared with an imported article which is or may be used for the same purpose as the domestic article.

4.—Lists of Competitive Articles—The United States Appraiser of Merchandise at New York shall issue at once a list of articles which he deems competitive and non-competitive, respectively, and shall from time to time add articles thereto or remove articles therefrom, as investigation and experience shall justify. Such lists shall be advisory only. The appraiser shall furnish copies of such lists and amendments thereof to the Customs Information Exchange for circularization to other appraising officers and shall furnish copies thereof to the public upon request. Appraising officers shall not furnish any information regarding the American selling price or the United States value of any article named in such lists but may upon request furnish importers with the names and addresses of all the known domestic manufacturers of or dealers in any such articles.

5.—Entry of Articles on the Competitive or the Non-competitive List—In entering articles named on such lists importers must state the value thereof, bearing in mind the provision in Section 489 of the Tariff Act of 1922 that "Duties shall not, however, be assessed upon an amount less than the entered value" with the exceptions specified in the rest of this section of the act.

6.—Entry of Articles on Neither the Competitive nor the Non-competitive List—When an article offered

for entry is not named on either the competitive or the non-competitive list the Appraiser shall proceed immediately to determine to which list the article belongs, pending which determination the importer may withhold formal entry. The Appraiser shall inform the importer of his determination of the question but shall not furnish the importer with any advice regarding the value of the merchandise, though the Appraiser may upon request furnish the importer with the names and addresses of all the known domestic manufacturers of, or dealers in any such articles.

7.—Difference in Strength of Imported and Domestic Articles—When an imported article is of substantially different strength from a domestic product which is deemed a similar competitive article, the value of the imported article shall be adjusted in relation to the selling price of the domestic product in accordance with the proportion which the strength of the imported article bears to that of the domestic.

8.—Similar Competitive Domestic Articles which are not Freely Offered For Sale in the United States in the Same Condition as the Foreign Article When Imported—When a similar competitive article manufactured or produced in the United States is not freely offered for sale in the United States in the same condition as the foreign article when imported, the ad valorem rate on the latter shall, nevertheless, be based on the American selling price of the former, but such selling price shall be the price that the manufacturer, producer, or owner would have received in a bona fide sale, or was willing to receive for such merchandise when sold in the usual course of trade and in the usual wholesale quantities, at the time of exportation of the imported article. In ascertaining the price that the manufacturer, producer, or owner would have received, the Appraiser shall use all reasonable ways and means in his power, which, in the opinion of the Department, may properly include consideration of the cost of production, the relation of the article to any completed article of which it forms a part, or the selling price of similar articles, according to the circumstances of the particular case.

9.—Ascertainment of American Selling Price when the Domestic Similar Competitive Article is Offered For Sale Under Conditions Indicating an Intent to Restrain Foreign Trade—When the appraising officer shall be satisfied, after due investigation, that a similar competitive article is manufactured by only one manufacturer in the United States, or that there is a combination of manufacturers or dealers by reason of which such article is offered for sale at an arbitrary and unreasonable price which does not secure bona fide sales and operates to prevent importations of the imported article, such officer shall ascertain the price that the manufacturer, producer, or owner would have received, within the meaning of Section 462 (f) of the Tariff Act of 1922 in bona fide sales, attention being invited to Regulation 8 herein. All such cases shall be reported to the Department with a view to their being referred to the Federal Trade Commission.

10.—Where There Are Two or More Corresponding Domestic Products—Where there are two or more corresponding domestic products, the American selling price of the domestic product which compared with the foreign product accomplishes results more nearly equal, shall be taken as the basis for assessment of the ad valorem rate; provided, however, that due allow-

ance in price shall be made for any difference in concentration or strength between the domestic and the foreign product.

11.—Articles Which Are Not Coal-Tar Products.—The words "similar competitive articles" in Paragraphs 27 and 28 shall not be construed as relating exclusively to coal-tar products. An imported coal-tar product may be compared with a domestic non-coal tar product, or an imported non-coal tar product dutiable under Paragraphs 27 and 28 with a domestic coal-tar product, for the purpose of determining whether they are similar competitive articles. The rule provided in Paragraphs 27 and 28 for the determination of similar competitive articles and the regulations herein provided thereunder, shall be applied in such cases.

12.—Ascertainment of United States Value.—The following instructions for the ascertainment of United States value are reproduced from Treasury Decision No. 39297 of October 31, 1922:

13.—Tests.—Tests which are necessary in the appraisement of imported articles shall be made under conditions approximating as closely as practicable the conditions under which the articles will be actually used in trade or manufacture.

14.—Trade Papers as Sources of Information.—Appraising officers may consult the trade papers but the weight to be given to the quotations and other information therein is for the determination of the officers themselves.

15.—Information Required at Ports Other Than New York.—Appraising officers at ports other than New York when in doubt on any question arising under Paragraphs 27 and 28 shall take the question up direct with the Appraiser at New York who shall give his advice as promptly as possible. If the inquiring Appraiser shall be dissatisfied with the advice of the Appraiser at New York, or the latter shall be in doubt on the inquiry, the question shall be submitted to the Department for an expression of its views.

HOUSE PASSES ALIEN PROPERTY BILL

The Winslow bill for the return of the property of aliens to the value of \$45,000,000 came up in the House last week, but adjournment cut short the debate and several other bills interfered with further discussion. The fight for the bill was led by Representatives Newton, of Minnesota, and Graham, of Illinois, who contended that it would be unwise for the United States to make a full restoration of the alien property until Germany, Austria and Hungary gave assurance that the claims of American nationals would be met. Insisting that retention of the alien property longer would amount to confiscation, Representatives Rayburn, of Texas; Hawes, of Missouri, and Huddleston, of Alabama, said the United States should make an immediate, full and complete restoration of the property, which runs in excess of \$347,000,000.

When the bill came up on Friday, Feb. 23, the House passed it by a vote of 300 to 11, and it was sent to the Senate.

The Virginia-Carolina Chemical Co. has published notice of its intention to redeem all of its Ten Year Six Per Cent Sinking Fund Convertible Gold Debentures, on April 15, 1923, at the offices of the Equitable Trust Co. of New York, 37 Wall st. New York City.

The directors of the Mathieson Alkali Works have declared the regular quarterly dividend on the preferred stock of 1¼ per cent, payable April 2 to stock of record March 20.

WOULD END PRICE DECLINE GUARANTEE

A charge of "discriminating in favor of manufacturers who guarantee against price declines" has been made against 118 wholesale grocers, comprising the Ohio Wholesale Grocers' Association, by the Federal Trade Commission. In carrying out this plan, it is alleged, the association through concerted methods compiled lists of manufacturers guaranteeing against price decline, and of manufacturers who reduced prices without protecting wholesalers on their unsold stocks by such guarantee. These lists, the complaint states, were circulated among the members of the association along with similar lists compiled by other associations, thus advising the respondent members that their efforts to secure guarantees were being supplemented and supported by sister associations.

The complaint recites that, during 1919 and 1920, prices generally advanced so rapidly and so high that consumption was checked and seriously interfered with the sale of many manufacturers' products, wherefore they resorted to sharp price reductions, presuming that the lower prices would be passed along to the retailer and consumers. Some manufacturers, the complaint avers, then resorted to "guarantee against decline" as a further inducement for the wholesalers to buy.

"Other factors being equal," continues the complaint, "a manufacturer who does not guarantee against decline can more readily reduce prices without loss to himself than a competing manufacturer who assumes the loss on his customers' unsold stocks. The critical economic conditions of 1920 and 1921, therefore, with their requirements of lower prices, gave or tended to give the manufacturer who did not guarantee against decline a legitimate competitive advantage over the manufacturer who did so guarantee, in partial recompense and offset for the competitive advantage previously enjoyed by the guaranteeing manufacturer on rising markets.

"Because of the actual or prospective advantages accruing to the wholesaler from guarantee against decline, there is a natural and general prejudice among wholesalers against the manufacturer who fails or refuses to guarantee against decline and in favor of the competing manufacturer who makes such a guarantee."

Manufacturers of salicylates have eliminated from their contracts the guarantee against decline, and considerable progress has been made in the chemical industry toward a standard contract in which this guarantee clause will be omitted. The National Association of Purchasing Agents at a recent meeting at Tulsa, Oklahoma, appointed a committee to investigate the matter of a standard contract.

ALLIED CHEMICAL & DYE ASKS INJUNCTION

Wilmington, Del., Feb. 28.—At the hearing of the suit of the Allied Chemical & Dye Corp. to enjoin the sale of the Steel & Tube Co. of America, a Delaware corporation, to the Youngstown Sheet & Tube Co., in the Chancery Court, Attorney W. S. Hilles, of Wilmington, representing the Allied Chemical and Dye Corp., opened the case by stating that his clients held 160,000 shares of common of the steel company, or about 16 per cent. The company has a capital of \$17,000,000 preferred at \$110 per share, and \$25,000,000 common stock at \$2 a share outstanding.

The petition alleged that Dillon Real & Co., of New York, through the issue of new stock, allowed the Slessinger interests to secure control of the company. The Allied Chemical & Dye stock at that time was owned by the Semet Solvay Co.

QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending Feb. 24

	Bid	Asked		Bid	Asked
Air Reduction	63 3/4	63 3/4	Hercules Powd., pf. 103	105	
*Allied Chem. & Dye	77	78	Heyden Chem.	2 1/2	2 3/4
*Allied Ch. & D., pf. 110 3/4	112		Hooker Electro.	55	65
*Am. Ag. Ch., pf.	35 1/2	35 1/2	Hooker Electro, pf. 60	70	
*Am. Ag. Ch., pf.	68 1/4	68 1/4	*Int. Agricult.	10 1/4	10 1/2
*Am. Chiclé	8 1/4	8 1/2	*Int. Agricult., pf. 38 1/2	39	
*Am. Chiclé, pf.	28		*Int. Nickel, pf.	15 1/4	15 1/2
*Am. Cot. Oil.	17 1/4	18	*Int. Nickel, pf.	75	77 1/4
*Am. Cot. Oil, pf.	32 1/2	34	*Int. Nickel, pf.	88 1/4	95
*Am. Cyan.	15	20	*Mathieson Alk.	57 1/2	59
*Am. Cyan., pf.	53	56	Merck & Co., pf.	84	86 1/2
*Am. Druggist S.	7 1/2	7 1/2	Merrimac	83	88
Am. Glue	52	85	Mulford Co.	35	40
Am. Glue, pf.	124	126 1/4	Mutual Co.	150	
*Am. Linseed	34	35	*National Lead	129 1/4	131
*Am. Linseed, pf.	56 1/2	57	*National Lead, pf. 112	113	
*Am. Malt	12	13	N. J. Zinc	172	175
*Am. Zinc	18	18 1/2	Niag. A., pf.	96	100
*Amer. Zinc, pf.	55	56 1/2	Parke, Davis & Co. 83	83 1/4	
Atlas Powder	159	165	Penn. Salt	85	86 1/2
Atlas Powd., pf.	80 1/2	90	People's Gas, Chi.	91 1/4	91 1/2
By. Prod. Co.	57	65	Procter & Gamble, pf. 102	106	
Carborundum	185	185 1/2	Procter & Gamble, pf. 102	106	
Carborundum, pf.	115 1/2	116	Royal Bk. Po.	130	140
Casolin Co.	30	45	Royal Bk. Po., pf. 99 1/4	101	
Celluloid Co.	90	92	Sherwin-Williams ..	28	29 1/4
Celluloid Co., pf.	108 1/4	109	Sherwin-W., pf.	93	97
Ches. Mfg.	223	228	Stand. Ch.	90	100
Ches. Mfg., pf.	111	115	Swan & Finch.	30	35
Com'l Solv. A.	44	48 1/2	*Tenn. C. & Chem.	12 1/2	12 3/4
Do B.	25 1/2	28	*Tex. Gulf, Sul.	61	61 1/4
*Corn Products	136 1/2	137 1/4	Union Carbide	63	63 1/4
*Corn Products, pf. 121	122 1/2		Union Sulphur	83	84
*Davison Chem.	34 1/2	34 1/2	*Un. Drug	46 1/4	47 1/4
Dow Chem.	200		*Un. Drug, 1st pf.	42	44 1/2
Dow Ch., pf.	103		*Un. Dyewood	53 1/2	53 3/4
Du Pont de Nem.	118 1/2	120	*Un. Dyewood, pf.	56 1/4	57
*Du Pt de Nem. Db. 87 1/2	88		Un. Gas, Imp.	71	71 1/2
Eastman Kodak	111	111 1/2	Un. Gas, Imp., pf.	68 1/4	69 1/4
Eastman Kodak, pf. 110	30 1/2		*U. S. Indus. Al.	98	102
*Freep. Tex. Sul.	91	93	*U. S. Indus. Al., pf. 98	26 1/4	26 1/2
*Grasselli	128	132	*Va.-Car. Ch.	67	67 1/2
*Grasselli, pf.	100	101 1/2	*V. Vivaudou	18 1/4	18 1/2
Hercules Powder	110	114			

*Listed on New York Stock Exchange

When Alfred I. DuPont received 73,534 shares of E. I. duPont de Nemours & Co. of Delaware stock in exchange for half that number of shares of E. I. duPont de Nemours Powder Co. of New Jersey stock the Government assessed him \$1,576,000 as an income tax, contending that the extra shares were given in lieu of dividends. Mr. DuPont obtained an order from the Delaware District United States Court, which was in turn affirmed by the Third Circuit Court of Appeals, enjoining the Government from collecting the sum. The Government has filed a petition requesting a review of the case on the grounds that no lower court has authority to enjoin the collection of a tax.

The interest of the Allied Chemical and Dye Corp. in the deal whereby Youngstown Sheet and Tube Co. is to acquire the Steel and Tube Co. of America was indicated in dispatches from the West, to the effect that Allied Chemical and Dye owned about 20 per cent of the capital stock of Steel and Tube, says the "New York Tribune." This stock is said to have been taken by the Semet Solvay Co., a component part of the Allied Chemical and Dye combination, in payment for coke ovens constructed for Steel and Tube. Naturally the price fixed in the Youngstown merger deal is a matter of concern to Allied Chemical and Dye.

The following judgments, of interest to the chemical trade, were filed in New York City last week: Norwidge Pharmacal Co., against Wm. M. Barrett, \$1,512.92; Commercial Acetylene Supply Co., Inc., against Isidore Rosenberg, \$211.76; Perfumer Publishing Co., against Zdenko Kafka, \$571.70; Fontana Bros., Inc., against the Bisbee Linseed Co., \$248.

E. I. DuPont de Nemours & Co. have obtained judgment for \$1,015.82 against Michael Alliegro.

Financial Notes

The International Salt Co. has declared usual quarterly dividend of 1 1/2 per cent, payable April 2 to holders of record March 15.

The directors of the Waltham Bleachery & Dye Works have declared a dividend of \$5 a share, payable March 1 to stock of record Feb. 13.

The Cuban American Sugar Co. has declared the regular quarterly dividend of 1 3/4% on the preferred stock, payable April 2 to stock of record March 10.

The Procter & Gamble Co. has declared the regular quarterly dividend of 1 1/2 per cent on the 6 per cent preferred stock, payable March 15 to record Feb. 24.

Notice of an increase in capital from \$1,770,000 to \$11,270,000 has been filed with the State Department of Delaware by the National Drug Manufacturing Co., of Paducah, Ky.

The National Enameling & Stamping Co. reports a net income of \$1,982,595 in 1922 as compared with a deficit in 1921 of \$1,258,615, after deducting all charges, interest and taxes.

A block of common stock of the Eastman Kodak Co., which Dominick & Dominick and Bernhard, Schiffer & Co. were reported as having purchased, has all been privately placed. It is understood that there were 40,000 shares of stock in this block.

The Commercial Solvents Corp., Terre Haute, Ind., has issued its annual financial statement which shows that a gross profit of \$433,206 was realized in 1922. After deducting bond interest, Federal income tax and other taxes a surplus of \$156,990 remained.

The Coca-Cola Co. reports net profits of \$6,268,000 for 1922 as against \$2,345,000 year before last. This amounts to \$11.14 per share as compared with \$3.29 per share in 1921. Sales last year totalled only \$21,053,834, while in 1921 \$28,464,599 worth of goods were disposed of.

New Incorporations

Sanitary Chemical Co., Birmingham, Ala., \$10,000. To make chemicals. F. T. Bell, G. B. McVay Jr., A. M. Bell.

Avera Naval Stores Co., Wilmington, \$120,000. To sell rosins and turpentine. Corporation Trust Co. of America.

Rivesman Drug & Chemical Corp., Brooklyn, \$35,000. M. Fruhling, J. Bernstein, A. J. Granick; attorney, L. Steinhilber, 233 Broadway.

Lowe Aniline & Dyestuffs Co., New York City, \$10,000. To make dyes and dyestuffs. P. D. and M. A. Lowe, E. G. Walsh; attorney, C. M. Baright, 170 Broadway.

Celestial Importing Co., New York, \$10,000. To import drugs and wines. L. S. Sacharoff, A. Seidmann, A. Kaplan; attorneys, Celler & Kraushaar, 51 Chambers St.

Columbian Color & Chemical Co., Brooklyn, \$20,000. J. J. and F. J. Sullivan, J. R. Cusack; attorneys, Gilroy & Hyman, 233 Broadway, New York City.

Mississippi Naval Stores Co., Wilmington, \$5,000. To sell rosins and turpentine. Corporation Trust Co. of America.

Anglo-American Aniline & Chemical Works, Wilmington, \$450,000. To make dyes and dyestuffs. Colonial Charter Co.

Blodgett Naval Stores Co., Wilmington, \$5,000. To sell rosins and turpentine. Corporation Trust Co. of America.

United States Turpentine Co., Wilmington, \$5,000,000. To sell rosins and turpentine. Corporation Service Co., Equitable Bldg., Wilmington.

Friedlander Supply Corp., 1212 Roosevelt Blvd., Chicago, \$25,000. To make chemicals, colors, etc. S. J. and Herbert Friedlander, C. K. Schwartz.

Capital Increases—Gaskill Chemical Corp., 157 Spencer st., Brooklyn, to \$65,000.

Sulphur Export Corp. Co., New York, \$100,000 to \$500,000.

National Drug Manufacturing Co., Paducah, Ky., \$1,770,000 to \$11,270,000.

Brooklyn Color Works, Brooklyn, \$30,000 to \$100,000.

The Heavy Chemical Market

Current Spot Quotations of Heavy Chemicals, page 544

MAKERS ADVANCE SODIUM BICARBONATE

Higher Production Costs Explain Advance—Copper Sulfate Strong on Rise in Metal Prices—Caustic Potash Selling Below Shipment Prices—Arsenic Prices Firm—Ruhr Situation Keeping Imported Chemicals Steady

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced			Declined		
	Today	Last Week	Last Month	Today	Last Week	Last Month
Potassium Carbonate, 80-85, 1/4c lb. Sodium Bicarbonate, 1/4c lb.	\$12	\$12	\$12	\$09	\$19 1/2	\$07
Caustic Potash, 1/4c lb.						
Potassium Chlorate, 1/4c lb.						
Trend of the Market						
Acetic Acid, Glacial....lb.	2.00	2.00	2.00	2.00	9.50	1.50
Copper Sulfate ....100 lbs.	6.40	6.07	5.55	30.00	4.50	
Potash Caustic ....lb.	.07 1/2	.07 1/2	.07	.05 1/2	.87	.08
Saltpetre, gran. ....lb.	.07 1/2	.07 1/2	.07 1/2	.07 1/2	.85 1/2	.04 1/2
Soda Ash, 58 p.c. ....100 lbs.	1.80	1.80	1.80	1.65	3.50	.60
Caustic Soda, 76 p.c. ....100 lbs.	3.55	3.55	3.53	3.30	9.50	1.42
Potassium Bichromate .lb.	.10	.10	.10	.05	.06 1/2	
Average	3.112	3.112	3.068	3.183	11.06	3.14

The market as a whole was without much change during the week. Business in the spot market is still very quiet and sellers are at a loss to explain the situation. The market is holding firm, however, and price concessions have been lacking except in a few instances. The situation in Germany is keeping the market for imported chemicals steady. The uncertainty of obtaining supplies in the future and the higher costs abroad are keeping up prices in spite of the lack of demand. Manufacturers report a good and steady business from previously placed contracts. Makers of bicarbonate of soda announced advances of 25c per hundred last week for all positions. Copper sulfate is strong and further advances are looked for with the continued rise in copper metal prices. Demand for caustic potash has been slightly less and sellers have dropped their price again. Caustic soda and soda ash are in steady demand. Consumers in some sections of the country are having difficulty in obtaining supplies due to the rail embargoes and slow deliveries owing to the bad weather. Sodium sulfide is in better demand. Potassium carbonate is very firm. Potassium chlorate can be had cheaper. Prussiate prices are steady. Heavy acids are in much better demand.

Acid, Acetic—Consumers have been more active in their demands during the past few weeks and supplies are moving steadily. Prices are at the recent schedule of \$3.17@\$.342 for 28 per cent according to quantity in barrels at works. 56 per cent named at \$6.32@\$.6.60; 70 per cent at \$7.94@\$.8.19. 80 per cent at \$9.08@\$.10.85. Glacial, \$12.05@\$.12.80.

Acid, Hydrofluoric—Demand is along steady lines with prices unchanged at 6c@7c/lb for 30 per cent in barrels. 48 per cent is named at 10c@11c/lb. 52 per cent at 11c@12c/lb. 60 per cent at 13c@14c/lb. White acid, 25c @26c/lb.

Acid, Oxalic—Makers report an active demand at recent prices. In carlots at works at 12 1/2c/lb. Spot prices at 13c/lb. Imported, 13c@13 1/2c/lb.

Acid, Muriatic—Demand has been on the increase

and makers in some cases are forced to turn down orders. Quotations are steady at 90c@\$1.00 per 100lbs for 18 degree in tanks. 20 degree at \$1.00@\$1.10 and in carboys at \$1.10@\$1.50. Iron free at \$1.35 in carlots. 22 degree is named at \$1.75@\$2.00.

Acid, Sulfuric—Continues in strong demand for immediate delivery and on contract. Tank cars of 66 degree at works are named at \$14@\$16 per ton. Carboys at works in carlots at \$1.00@\$1.25. Tanks of 60 degree at \$9@\$11 per ton. Oleum is in limited supply and some makers unable to deliver. Tanks at \$17@\$18 ton.

Alums—Moving steadily at unchanged prices. Ammonia lump is held at \$3.50@\$3.65 per 100lbs. Imported is lower at \$3.25@\$3.50. Domestic ground at \$3.65@\$3.75. Powdered at \$3.90@\$4.00. Imported potash lump is offered at \$3.00@\$3.25. Powdered at \$3.00@\$3.25. Domestic prices from 4.25@\$4.75 per 100lbs.

Ammonium Sulfate—Supplies are very low and makers have none to offer for export. Bulk at works is quoted at \$3.30 per 100lbs. F.a.s. market is at \$3.70@\$3.75 but no offerings.

Ammonium Chloride—Little activity in the market though quotations are without change. Domestic white granulated is named at 7 1/4c@8c/lb as to quantity. Gray at 8c@8 1/2c/lb at works. Imported white named at 6 1/2 lb. Gray, 7 1/4c@8 1/4c/lb. Lump, 14c@15c/lb.

Barium Chloride—Demand has been slow and along routine lines. Makers are quoting at \$90@\$95 per ton as to quantity. Imported at \$90@\$92.50.

Bleaching Powder—A few makers are able to take an order for prompt delivery, but not for any large amount. Supplies as a rule are small on spot. In less than cars, spot prices range from \$2.25@\$2.50. Contracts are being placed at \$1.90@\$2.00 per 100lbs at works.

Arsenic—The market is without any new features. Prices are generally firm at 15 1/2c@16c/lb on spot. Only moderate business is passing and buying is quiet. Any active interest would immediately send the market up again.

Copper Sulfate—No further advances took place since last week, but with copper touching 17c/lb a further advance may be looked for. Demand has not been as great as was expected due perhaps to the advancing costs. There has been very little export demand as compared with last year. Present prices are \$6.40 for small and \$6.50 for large crystals in carlots. Imported prices range from 5 3/4c@6c/lb.

Potash Caustic—Demand has been less during the past week and dealers are selling at 7 1/4c@7 1/2c/lb again. Shipment prices are named at 7 1/2c/lb.

Potash Carbonate—Prices are firm with demand holding steady. 80-85 per cent calcined is higher at 5 1/2c@6c/lb. Hydrated at 7 1/2c@7 3/4c/lb. 90-95 per cent at 6 1/2c@6 3/4c/lb. 96-98 per cent at 7 1/4c@7 1/2c/lb. 99 per cent, 8c@8 1/2c/lb.

Soda Ash—Shipments are going through better and demand is gaining steadily. Outlying districts are having the most difficulty in obtaining their supplies because of the rail embargoes. Contracts are still being made at \$1.20 for 48 per cent in bags at works. Spot

stocks in warehouse named at \$1.91@2.01 depending upon the quantity. Resale lots are named at \$1.75@ \$1.80.

Soda Caustic—Delays in shipping are the main troubles of the manufacturers during the winter months. Snows and embargoes have held up deliveries and some sections are short of stocks. Demand is strong, however, and makers are busy on contract orders. Contracts are being made at \$2.50, basis 60 per cent in carlots at works. Spot goods are named at \$3.40@3.75 according to brand and quantity. Export demand has not been very strong.

Sodium Bicarbonate—Several makers advanced their prices last week, though all have not fallen in line as yet. The new schedule is 25c per 100lbs higher. Carlots of barrels at works, \$2.00. Less cars on spot, \$2.40 per 100lbs.

The Boston Offices of Wing & Evans, Inc., sales agents for The Solvay Process Co., have been moved to 77 Summer st. The new and improved offices are very conveniently located for the trade. All sales of Solvay soda ash, caustic soda and modified sodas for the New England territory are handled through this office.

SOUTH'S DEMAND FOR ARSENIC FOR BOLL WEEVIL FIGHT DISCUSSED AT ATLANTA

Dr. Miller Reese Hutchison Explains His Plans for Meeting the Situation—Howard W. Ambruster Tells of Possible Supply of Calcium Arsenate—Contribution of \$100,000 by N. Y. Cotton Exchange.

(Special to DRUG & CHEMICAL MARKETS)

Atlanta, Ga., Feb. 28.—President Harding's letter to the National Conference to consider methods for extermination of the boll weevil, the announcement that Gov. Thomas W. Hardwick, of Georgia, had been made chairman of a committee of governors appointed by President Harding to formulate a plan for united action, the contribution of \$100,000 by the New York Cotton Exchange to a fund for the campaign, and the address of Dr. Miller Reese Hutchison were the outstanding features of the opening days of the convention.

Speeches were made by former Senator Hoke Smith, of Georgia, J. S. Wannamaker, president of the American Cotton Association, and D. B. Bradner, chief chemist of the U. S. Chemical Warfare Service, who told of the experiments conducted by the government in the use of poisonous gases to combat the pest. Hoke Smith said that unless the boll weevil was brought under control this year, every business in the United States would feel the effect in the reduced cotton crop and limited buying power of the South.

Howard W. Ambruster, of New York, spoke on the possible supply of calcium arsenate. He said in part: "Actual figures indicating just how much calcium arsenate will be available this season are practically unobtainable and in face of the existing uncertainty as to just how great the requirement such figures wouldn't mean much at this time if they were available. The question of the average price the South can and will pay for calcium arsenate goes right to the heart of the question. With the increasing of existing plants producing calcium arsenate from commercial by-product arsenic and the building of new ones utilizing the same methods has come the establishment of new plants to produce commercial white arsenic direct from ore, new methods of producing calcium arsenate from white arsenic and of producing calcium arsenate direct from ore.

WANT CALCIUM ARSENATE ON FREE LIST (Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 28.—A conference was held last week at the Custom Service by a delegation headed by Senator Smith of South Carolina, in an effort to obtain a ruling on the legality of the tariff on calcium arsenate. The delegation contended that it was not the intention of Congress to levy a tariff on calcium arsenate since that commodity is not specifically mentioned in the law.

Customs officials have held that a duty of 25 per cent must be assessed against calcium arsenate under the general clause placing a tariff on "chemical compounds." The delegation pointed out that white arsenic, the main ingredient of calcium arsenate, is carried on the free list in the tariff law.

Protest of the Corning International Corporation, New York, that silicide of calcium, classified as a manufacture of mineral substance at 20 per cent ad valorem under Par. 81, tariff act of 1923, is dutiable as an alloy used in the manufacture of steel under Par. 102 at 15 per cent, was upheld by the board of appraisers on the authority of Abstract 45191.

"This consuming season now approaching is going to indicate the progress made and to permit a great industry to get its bearings and set a pace for the future. The price chart on arsenic the world over for the last twenty years looks like a cross section of the mountains of Switzerland. Even now with this tremendous demand springing up almost over night arsenic has not yet reached the high point of a few years ago.

"Let us take a look at the insecticide industry of the past—a violently fluctuating raw material, a costly plant investment with methods constantly changing, a poisonous plant to operate, a thousand entomologists to satisfy as to what to make, a watchful federal government to check the quality. It is a pretty dismal picture isn't it? But it is a true one and let us face the facts. You cannot expect these insecticide manufacturers by themselves to hold the umbrella over the cotton fields while any such cyclone as is now in progress exists."

Hudson Maxim told the delegates that the only way in which to eliminate the ravages of the "billion-dollar bandit" was in stopping propagation of the pests, and that he believed he had discovered a way in which they effectively could be curbed. Dr. Maxim said his plan was patterned after the Indians' custom of trapping beavers. He said Indians discovered an abnormal sex instinct in the male beavers, and accordingly manufactured a substance which they rubbed on their traps, and the result was the male beavers flocked to the traps in droves and were killed off.

"In tests I have made," Dr. Maxim said, "I found the weevil possesses an even greater sex instinct than the beaver. I caged a female weevil and then released a male weevil two miles removed. The male flew unerringly to the female. Now, the only difficulty remaining, and I believe I have just about overcome that, is finding a chemical substitute for the glands of a female that can be rubbed into poison to attract the male. When we do that we have got the weevil, and the South can count itself rid of its most disastrous pest."

John D. Martin, of Memphis, announced the incorporation, under the laws of Tennessee, of the organization for a national campaign against the boll weevil. Dr. Miller Reese Hutchison will head the corporation with full executive powers. It is planned to raise \$2,500,000.

The Intermediate and Dye Market

Current Spot Quotations of Intermediates, see Chemicals, page 548

PARA-TOLUIDINE STOCKS ARE LOWER

Intermediates in Better Demand—Export Inquiry Encourages Manufacturers—Prices of Intermediates Remain Steady—H-acid Demand Active and Stocks Small—Phenol Higher in the Open Market—Cresylic Acid Scarce and High—No Solvent Naphtha or Xylene Available

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced
Phenol, resale, 1c lb.
Declined
No Declines

	Trend of the Market			Last Year	War Peak	Pre-War
	Today	Last Week	Last Month			
Benzene, C.P. ....gal.	\$30	\$30	\$30	\$29	\$1.10	\$25
Naphthalene, flake ....lb.	.06	.06	.06	.07½	.16	.03
Phenol ....lb.	.35	.35	.32	.11½	1.50	.45
Xylene, 2-dig. ....gal.	.46	.45	.45	.45	..	..
Toluene, pure ....gal.	.30	.30	.30	.30	..	..
Aniline Oil ....lb.	.16	.16	.16	.16	1.40	.10½
Benzaldehyde ....lb.	.60	.60	.60	.45	..	..
Betanaphthol, dist. ....lb.	.24	.24	.24	.28	1.50	.08
Paranitrosaniline ....lb.	.74	.74	.74	.77	1.85	.18
Average	0.353	0.353	0.350	0.323	1.25	1.67

Demand for intermediates has been improving steadily in the domestic trade and recently there has been a good export inquiry for American products. The present situation in Germany probably has prompted this inquiry somewhat, but the quality of the domestic goods is also finding favor in foreign markets. Old stocks of intermediates have nearly all passed into consuming channels and makers are now supplying the demand from their regular production. In some cases stocks are completely exhausted and makers are having difficulty in meeting the demand. H-acid makers are having difficulty in meeting consumers' demands. Para-nitraniline supplies are also limited. An increased demand for para-toluidine has developed and supplies are difficult to locate. Alpha-naphthylamine is much firmer. Aniline oil is in steady demand. Coal-tar crudes have shown no improvement except in the case of benzol, which is in a little better supply, though by no means plentiful. Toluol is improving gradually. Xylene and solvent naphtha are not to be had at any price, as makers are not fractionating these products during the winter months. Demand for phenol has increased and prices have advanced in the open market. Supplies appear to be much smaller. The only cresylic acid available is imported material which is necessarily high because of the duty. Last reports of the progress of the Tariff Commission on the question of the duty on cresylic acid were favorable.

Coal Tar Crudes

Benzene—Supplies are in better volume but no large surplus exists. Recent activity of steel mills has improved but increasing demand for benzene for motor fuel will take up this with the advent of warmer weather. Quotations are unchanged at 27c@32c per gallon for 90 per cent and 30c@35c for C.P. as to quantity. Resale lots are offered at 33c@36c according to quality and quantity.

Cresylic Acid—Large dealers state that supplies are all taken up in the market and that imported acid is the only material available. This is named at 85c per gallon c.i.f. New York. With the present duty the cost would

be close to \$2.00. An odd lot may be found in the market at \$1.50@1.60. No action has yet been taken by the Tariff Commission on this product, but last reports were favorable.

Naphthalene—Most large consumers are covered for the coming season and demand is confined to moderate quantities. Flake is selling at 6c@6½clb as to quantity and seller. Balls are named at 7c@7½clb. Crude has been fairly strong at \$2.60@\$3.00 per hundred.

Phenol—Increased demand during the past week found supplies limited in the market and holders firm at 35clb and higher. Many consumers could use more phenol, but present high prices are restricting business. U.S.P. in drums is quoted at 45clb.

Pyridine—Supplies are in small volume and holders are naming \$2.50 per gallon for prompt delivery. Shipments are named at \$2.25.

Toluene—Production is improving gradually but it is still difficult to obtain supplies. Quotations are unchanged at 30c@35c per gallon according to quantity for shipment.

Solvent Naphtha—Producers state that no supplies are available and that none is likely to be had until the summer months. Demand is not large enough to pay for fractionating during cold weather. Freezing of the lighter fractions also prevents the carrying on of these operations.

Xylene—Large producers are not operating and supplies have practically all passed into consumers' hands. A commercial grade is offered at 29c@34c per gallon.

Intermediates

Acid, Anthranilic—Inactive and mainly of a routine nature. Technical quoted lower in some directions and the range is 96c@1.10lb. Refined is quoted at \$1.30.

Acid, Benzoic—Technical is quoted at 60clb for ton lots and 65c in smaller quantities. Supplies are only in moderate quantity. U.S.P. is named at 72c@77clb. Demand has not been active.

Acid, Broenner's—Little doing in the market at \$1.55lb.

Acid, Gamma—Demand improving after a temporary lull. Ton lots are named at \$1.70lb and in a large way this price may be shaded. Single barrels up to \$1.80.

Acid, H—Present makers are having difficulty in supplying the increased demand. Monthly production sold well in advance. Prices are very firm at 80c for ton lots and smaller lots up to 85c@90clb.

Acid, Monosulfonic—Demand has been active with price quoted at \$2.30lb.

Acid, Sulfanilic—Quoted at 17c@20clb according to seller and quantity.

Alpha-naphthylamine—Demand has been steady and the market is firm at 28c@29clb, though higher quotations are rumored.

Aniline Oil—Makers continue to quote tanks at 16c lb. Drums in lots of ten or less are named at 16½c@17clb depending upon the quantity. Demand is steady, large quantities passing into the rubber industry.

Benzidine—Ton lots are quoted at 82c@84clb as to seller. Smaller quantities at 84c@86clb. Demand has been improving.

Beta-naphthol—Demand continues along steady lines with makers' prices named at 23c@24c/lb for ton lots at works. Barrels at 25c@26c/lb.

Dimethylaniline—Prices firm at recent advance. A better inquiry is heard for this product. Drums are quoted at 42c@43c/lb as to quantity.

Para-nitraniline—Increasing demands from consumers have decreased stocks considerably and made this market stronger. Quoted at 74c@76c/lb as to quantity.

Para-toluidine—Increased demand for this commodity has found a scarcity of supplies in the market. Prices are quoted at a wide range as to quality and quantity. As low as 78c and as high as \$1.15 is heard with sales at 90c@95c most active.

Herbert R. Higgins has joined the sales force of the Smith Chemical & Color Co., 257 Water st., New York.

CHEMICAL AND DYE CENSUS SHOWS MANY NEW PRODUCTS MADE IN 1921

Tariff Commission Includes Synthetic Organic Chemicals Other Than Those Derived from Coal-Tar—Solvents, Medicinals, Perfumes, and Flavoring Ingredients in the List.

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 28.—"During the consideration of the chemical schedule, pending the recent revision of the tariff," says the Tariff Commission in its annual report discussing its part in the making of the new law "the commission put at the disposal of the Congress detailed information on the several hundred chemical commodities (400 to 500) provided for in the act of 1913. This information was in the form of 28 separate pamphlets, containing approximately 175 surveys on chemicals. In some cases a separate survey was prepared for each article. In other cases a single survey covered the whole paragraph, where the products enumerated in the paragraph were of a related character.

"The chemical schedule of the act of 1922 contains 93 paragraphs," continues the Tariff Commission report, "as compared with 70 in the act of 1913. The extension is in part due to the fact that specific mention is made of some 50 products that have not appeared in previous acts. Information on these new items is now being compiled and surveys are in the course of preparation. Surveys have been completed for industrial alcohol, oleic and stearic acid, hydrogenated and chemically treated oils and fats, and the chemical enumerated in paragraph 2. In addition to the new subject matter in preparation, surveys on crude and refined petroleum and bitumen, and zinc oxide have been revised and expanded."

In discussing the Commission census of dyes and other synthetic organic chemicals for 1921 the report says:

The Tariff Commission has completed its fifth census of dyes and coal-tar chemicals covering the calendar year 1921. The scope of the census was this year extended to include synthetic organic chemicals other than those derived from coal-tar. Among the additions are acids, alcohols, esters, ketones, aldehydes, derivative of alkaloids, and carboxylic compounds; these are used as solvents, medicinals, perfume and flavoring ingredients, and in numerous industrial processes.

The output of dyes in 1921, as reported by 74 domestic manufacturers, totaled 39,008,690 pounds, a decrease of 56 per cent from the production of 1920. The sales during 1921 amounted to 47,513,762 pounds, valued at \$39,283,956. Sales exceeded production by 22 per cent,

Reports received by Col. Herman A. Metz from Dr. E. R. Pickerell and Dr. Gus Metz, of H. A. Metz & Co., are not unsatisfactory, Mr. Metz says. The main difficulty confronting German plants at present are lack of coal and lack of adequate transportation.

The by-products coke and benzol plant at the Farrel, Pa., works of the Carnegie Steel Co. will be repaired and put into operation at the earliest moment possible, according to reports from the company. The plant has been idle since March, 1921.

Axel J. Bidstrup, president of the United States Color Card Co., Chicago, died Feb. 15, at the age of fifty years. He had been ill since shortly before Christmas.

The Textile Color Card Association of the U. S. will hold its annual convention in New York City Thursday, March 1, at the Hotel Astor.

indicating that domestic consumption for 1921 was in part supplied by stocks carried over from the previous year. The average sales price of dyes for 1921 was 83 cents per pound, compared with \$1.08 for 1920 and \$1.26 for 1917. The greatly reduced output of 1921 may be accounted for by (1) loss of the most of our export trade, (2) abnormal production and stocks carried over from the previous year, and (3) business depression.

Progress in the industry was marked by the placing on the market for the first time of a large number of dyes of great complexity and specialized application. New dyes continued to be reported during the first five months of 1922. The domestic industry is still deficient, however, in vat dyes, alizarins, and dyes of special types.

The total importation of coal-tar dyes during the calendar year 1921 was 3,914,036 pounds, valued at \$5,156,779, compared with 3,402,582 pounds, valued at \$5,763,437, during the previous year. Reducing the vat dyes to a single-strength basis, the total quantity of dyes imported in 1921 was 4,252,911 pounds. Of these Germany supplied 48.34 per cent; Switzerland, 40.53 per cent; England, 7.34 per cent; and Italy, 2.7 per cent.

The dyes imported in 1921, representing 10 per cent of the quantity produced during that year, consist of products that either are not yet manufactured in this country or are not produced in an adequate quantity or of a quality to meet special requirements.

The combined value of exports of aniline dyes and all other dyes for 1921 was \$6,270,155, compared with \$15,728,499 for 1919 and \$29,823,591 for 1920. In other words, exports of domestic dyes for 1921 show a decrease of 79 per cent compared with the previous year.

The aggregate value of exports of color lakes and other colors, dyes, and stains of coal-tar origin for the first three months in 1922 was \$973,316, compared with \$2,432,764 for aniline dyes and all other dyes and dye-stuffs for the corresponding period of the previous year. In quantity, the exports during the first three months of 1922 totaled 1,387,594 pounds. This great reduction in export trade may be attributed in part to the general business depression; the chief cause, however, was the appearance of German dyes in China, India, Japan, and other foreign markets. Domestic producers have been unable to compete with the Germans in these fields.

Of the other finished coal-tar products, color lakes, photographic chemicals, medicinals, synthetic resins, and tanning materials show a reduced output. In the production of perfumes and flavors there was a conspicuous increase in 1921.

The Oil Market

Current Spot Quotations of Oils, Tallow, Greases, page 539

CRUSHERS ADVANCE LINSEED OIL AGAIN

Supplies Very Scarce on Spot—Flaxseed Market Higher—Cottonseed Oil Quiet, but Firm—Chinawood Oil Stocks Low and Prices Nominal—Cod Oil Advanced—Makers Advance Stearic Acid—Tallow Slightly Higher.

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Cod Oil, 3c gal.	Advanced	
	Linseed Oil, 2c gal.	
Corn Oil, crude, ½c lb.	Soya, Crude, ¼c lb.	
	Stearic Acid, ¼c@½c lb.	
Grease, ½c lb.	Tallow, extra, ¼c lb.	
	Declined	
	Coconut Oil, ¼c lb.	
	Oleo Oil, ¼c lb.	
	Whale Oil, blchd., 2c gal.	

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Cod Oil, N. F.....gal.	\$.68	\$.64	\$.62	\$.44	\$1.27	\$.36½
Degras, American, bbl..lb.	.04½	.04½	.04½	.03½	.25	.03½
Lard, No. 1.....gal.	.97½	.97½	.97½	.65	2.90	.92
Menhaden, ord. bbls...gal.	.53	.53	.53	.38	1.20	.33
Neatsfoot, 20 deg. c.t.gal.	1.39	1.39	1.39	1.32	3.45	.95
Red Oil, distilled.....lb.	.11½	.11½	.11½	.07½	.17	.07
Stearic Acid, T.P.....lb.	.15¼	.15¼	.14½	.10½	.33	.12
Coconut, Ceylon						
Dom., bbls.....lb.	.09½	.09½	.09½	.08½	.90	.14
Cottonseed, crude, tanks.lb.	.10	.10	.09½	.08½	.25	.08
Linseed, carlots.....gal.	.98	.96	.93	.78	1.88	.67
Olive, denatured.....gal.	1.18	1.15	1.15	1.10	4.50	1.05
Peanut, refined.....lb.	.16½	.16½	.16½	.11	.30	.08
Soya Bean, bbls.....lb.	.12¾	.12¾	.12¾	.09	.19½	.07
Average	0.496	0.493	0.488	0.402	1.30	0.363

There has been little change in the market for fixed oils, prices remaining generally firm with business restricted somewhat because of the scarcity of supplies. Linseed oil has been strong, several advances having taken place, recently, due to the scarcity of oil, higher prices of seed, and an increased demand. Cottonseed oil has been quiet but prices have held firm with interest in the March and May positions. Corn oil stocks have become exceedingly low and prices have had a strong tendency. The recent assessment of a 10 per cent duty on olive oil foots is still being held in abeyance pending further investigation by the Treasury Department. The outlook is favorable for continuance on the free list. Peanut and perilla oil are still in small supply. Castor oil is firm at recent higher levels. Soya bean oil is very firm with offerings small. Fish oils are to be had only in limited quantities and at higher prices. Cod oil has been advanced. Refined menhaden is higher. Whale oil is easier. Animal oils are generally firm. Tallow has been sold at slightly higher figures. Stearic acid has been advanced again. Red oil is firm. Oleo oil is easier. Lower grade greases are higher. Turpentine advanced during the week. Rosin is firm.

Vegetable Oils

Castor Oil—The market remains in a firm position due to the small supplies of seed. No. 1 in ten barrel lots named at 13½c. Cases at 14½c. No. 3, is held at 13c@13½c according to quantity.

Chinawood Oil—Business is restricted because of the scarcity of oil in the market. Little improvement is expected for several months owing to conditions in the Orient. Spot prices for oil in barrels are quoted at 18½c@19c. Tanks are named at 17½c. Shipments to New York for Apr.-May forward are named at 16c. To coast, Apr. forward, 15c@15½c.

Coconut Oil—The market is generally firm with supplies somewhat limited. Manila in tanks at coast is quoted at 8½c. Ceylon in barrels on spot at 9½c@9¾c. In tanks at 8½c@8¾c. Cochin in barrels N. Y., 10¼c@10½c. Tanks, 9¼c@9½c. Edible on spot at 10¾c@11c. Copra firm at 5½c@5¾c.

Corn Oil—Stocks are in very limited supply and the market is strong. Crude in tanks at mills is held at 10¼c@10¾c. In barrels, N. Y. at 12c@13c. Refined in barrels on spot at 13½c.

Cottonseed Oil—Trading was quiet during the week but the market remained firm, because of the scarcity of oil. Crude oil was unchanged at 10c. P.S.Y. declined slightly on spot to 10.90c. The Mar.-Oct. range was from 10.83c@11.36c asked. Southeast and Valley at 10c. Texas, 9¾c.

Linseed Oil—Another advance took place during the week and crushers are now quoting 98c per gallon for carlots of raw oil. The advance was due to the scarcity of oil and an increased demand. Seed has also been advancing in the primary domestic markets. Duluth rose to \$3.07 per bushel for February. Mar. opened the week at \$3.00; May, \$2.79; July, \$2.70; Winnipeg, May, \$2.38. July, \$2.31. Buenos Aires, opened easy at \$1.83¾. London linseed oil at 41s. Antwerp, 354f.

Olive Oil—Little change in the market for denatured with prices named at \$1.15@1.17c. Edible is steady at \$1.80@2.20. Foots have come in for considerable attention since the duty announcement three weeks ago. This decision is suspended until Treasury officials gather more information on foots. Last Saturday's meeting at Washington cleared the situation greatly and it is the opinion of oil factors here that foots will continue to enter free.

Palm Oil—Very firm with supplies small on spot. Lagos sales at 8c@8½c. Niger named at 7½c@7¾c. Calabar at 7¼c@7¾c.

Peanut Oil—Crude is nominal with supplies very scarce. Refined is also in small supply at 16½c@17½c. Shipments are named at 15¾c@16¼c.

Perilla Oil—None to be had on spot and shipments are quoted at 15¾c@16c.

Soya Bean Oil—Offerings are very small and the market is very firm. Crude in barrels on spot at 12c. Tanks, 10¾c@10¾c. At Coast in tanks, 10¾c@10¾c. Refined in barrel N. Y., 12¾c@13c.

Animal Oils

Greases—Lower grades in good demand and slightly higher. White, 10½c. Yellow, 8½c. Brown, 8¼c. House, 8¼c. Bone, 7¾c@8c.

Lard Oil—Market is steady with prices firm. Edible prime named at 14¾c. Prime at 14c. Extra, 13½c. Extra No. 1, 13½c. No. 1, 13.

Oleo Oil—Easier with No. 1 at 13¼c@13½c. No. 2, 10¾c@11c. No. 3, 9¾c.

Red Oil—No change in the prices with makers quoting 11½c for carlots.

Stearic Acid—Makers have advanced prices again for double and triple pressed acids. Double now at 14c in carlots. Triple at 15¾c.

Tallow—Market is firmer with sales made at 9c for city extra.

Fish Oils

Cod Oil—Supplies are growing smaller and holders have advanced their prices to 66c@67c per gallon in tanks and 68c@70c in barrels.

Menhaden Oil—Stocks are pretty well depleted and present holders are firm at 53c per gallon in barrels at works.

Sperm Oil—Holders are quoting 45 degree oil at \$1.04 per gallon and 38 degree at \$1.09.

Whale Oil—Crude is off the market while bleached oils are named at 73c for natural bleached and 75c for winter bleached.

Naval Stores

Turpentine—Demand has been slow but the market has advanced to \$1.54 per gallon for spot oil. Savannah is quiet at \$1.47.

Rosin—The market was steady and prices remained unchanged.

OLIVE OIL FOOTS MAY BE FREE

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 28.—A conference was held in Washington on Saturday before Assistant Secretary of the Treasury Clifford, when arguments were heard both for and against the free importation into the United States of so-called olive oil foots. Olive oils which are not edible are admitted free of duty under paragraph 1632 of the present tariff law. The matter of the duty on olive oil foots has been under consideration for some time and it had about been decided that a duty of 10 per cent should be levied on these foots because representations had been made that they were waste.

John B. Gordon of the Bureau of Raw Materials as well as importers on Saturday asked that olive oil foots be admitted free of duty, while the domestic oil manufacturers asked that a duty be levied. If a 10 per cent duty is levied the soap manufacturers, who are large users, will have to buy the domestic product.

The conference on Saturday was in executive session, but it is understood that Secretary Clifford has allowed both sides another week in which to file briefs on the matter. It is believed that the Customs Service has about come to the conclusion that the olive oil foots should be entered free of duty. A decision was published the other day, by mistake, that a 10 per cent duty had been decided upon. The Custom Service has repudiated that published decision.

Importers and consumers of olive oil foots held two meetings at the New York Produce Exchange, last week, to discuss means of opposing the proposed ten per cent ad valorem tax to be levied on that product. J. A. Burns, of A. Gross & Co., manufacturers of red oil, with which olive oil foots competes, attended one of the meetings and spoke in favor of the proposed duty.

Charles W. Phellis, for sixteen months general manager of the du Pont Company's Pyralin Department and for twenty years before that actively identified with the company, has retired to devote his time to personal interests, his resignation taking effect Feb. 21. From his first employment as shooter salesman in 1901, Mr. Phellis advanced to the position of district manager at Huntington, W. Va., general manager of explosives sales in the Rocky Mountain district, general director of sales, and general manager of the Pyralin Department. R. R. M. Carpenter, vice-president of the company, has taken over the position vacated by Mr. Phellis.

The Editor's Correspondence

Calls Olive Oil Duty Unjust

Editor, DRUG & CHEMICAL MARKETS:

There is a widespread impression with regard to the proposed duty of 10 per cent on sulphur olive oil that the Government expects to derive considerable revenue from it. No more fallacious argument could be made than this in any vain attempt to justify the proposed duty, imposed by an arbitrary change of classification. A survey of average importations will show that about 15,000,000 pounds of this commodity are annually imported into the United States. On the basis of an average cost at the points of origin of, say, 7c per pound the proposed 10 per cent would not yield more than \$105,000, a negligible amount for revenue purposes and entirely out of proportion with the injustice and prejudice that the enforcement of such rate would work on soap and textile manufacturers using this raw material in their industry.

ITALIAN CHAMBER OF COMMERCE IN NEW YORK,
New York,

Giuseppe Vitelli, President.

New York, Feb. 19, 1923.

FERTILIZER MAKERS REDUCE ANALYSES

(Special to DRUG & CHEMICAL MARKETS)

Baltimore, Feb. 28.—At a joint conference of thirty manufacturers of fertilizer mixtures and state agricultural officials, held at the Southern Hotel on Feb. 8 and 9, for the purpose of recommending fertilizers of higher analyses and a reduction in the number of analyses, an agreement was reached and resolutions adopted with that end in view. New York, Pennsylvania, New Jersey, Delaware, Maryland and Virginia agricultural colleges and experiment stations, and the fertilizer manufacturers of these states, were represented.

The manufacturers and the agronomists, the latter embracing 17 officials from the Middle Atlantic States and two representatives of the United States Department of Agriculture, met separately on Feb. 8 and then joined in the session on the following day.

The conference was called by Prof. A. G. McCall, of the Maryland Station, the fertilizer manufacturers meeting under the auspices of the Soil Improvement Committee of the National Fertilizer Association, with John D. Toll, secretary of the Fertilizer Association, as secretary of the meeting.

The Clifford Smith Co., Richmond, Va., sellers of paints, varnishes, turpentine and allied products, has been notified by the Federal Trade Commission to discontinue the practice of using the words "Argentine Turpentine" in the sale of a commodity which is not turpentine and which does not originate in Argentina. The order also states the word "substitute" must be as prominently displayed as the word "turpentine" in the sale of a commodity which is not turpentine.

The Durable Varnish Co., Chicago, has been enjoined from using the numerals "61" and "38," or any combination thereof, in promoting the sale of its products. Pratt & Lambert, Inc., brought suit against the varnish company to protect those numbers, which it has trademarked.

Walter A. Putnam, vice-president of the Boston Varnish Co., Boston, died at his home in Belmont, Mass., Feb. 11, at the age of fifty-two years, following a short illness which developed into pneumonia.

The Fine Chemical Market

Current Spot Quotations of Fine Chemicals, page 548

IODIDES AND BISMUTH PREPARATIONS UP

Advance in English Exchange Caused Makers to Name Higher Schedules—Menthol Price Increased Twenty-Five Cents—Makers Cut Vanillin in Competition—Amidopyrine Reduced—Resellers Upsetting Market in Numerous Instances—Trading More Active

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced			Declined		
	Today	Last Week	Last Month	Today	Last Week	Last Month
Bismuth Metal, 10c lb.				Iodine, Resublimed, 5c lb.		
Preparations, 10c@25c lb.				Iodoform, 25c lb.		
Iodides, 15c@25c lb.				Menthol, 25c lb.		
Amidopyrine, 25c lb.				Sulfonmethane, 50c lb.		
Eserine Salts, \$5 oz.				Sulfonethylnmethane, 50c lb.		
				Vanillin, 2c oz.		

Trend of the Market

	Today	Last Week	Last Month	Year	Peak	Pre-War
Acetanilid	\$3.35	\$3.35	\$3.35	\$3.35	\$2.00	\$2.20
Acid Citric, Import .....	.48 1/2	.48 1/2	.48 1/2	.48 1/2	.43	.45
Caffeine Alkaloid	3.75	3.75	3.75	4.00	18.00	1.65
Calomel, American	1.25	1.25	1.25	.83	3.43	.90
Camphor, Jap., ref. ....	.91	.91	.86	.92	3.55	.41
Iodine, Resublimed	4.55	4.50	4.50	3.80	5.00	3.75
Menthol	8.25	8.00	8.00	5.25	13.50	3.00
Morphine Sulfate	5.35	5.35	5.35	4.90	12.80	4.50
Potassium Bromide, Cryst. ....	.26	.26	.26	.19	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50 1/2	.50	.25
Sodium Salicylate .....	.52	.52	.47	.30	4.25	.27
Strychnine Sulfate .....	.84	.84	.84	1.05	2.05	.50
Average	2.24	2.21	2.21	1.88	5.92	1.56

The past few weeks in the medicinal chemical market have been characterized by the steady increase in the influence of resale goods. Numerous price advances by manufacturers have left outsiders with considerable cheap contract material on hand and keen competition has already resulted in price reductions by first hands. This week amidopyrine and vanillin were cut, owing to the prevalence of lower priced resale supplies and other products are apparently in line. As the pound sterling continued its upward march American makers of bismuth preparations and iodides were forced to name higher schedules. Menthol sellers put their figures up a quarter as buying became more animated. Sulfonmethane and sulfonethylnmethane were reduced in competition. Importers cut eserine salicylate and sulfate. Cheap resale stocks of salicylates continue available. Adeps lanæ is in exceptionally good demand. Quicksilver and camphor had a quiet routine week. Business, generally speaking, is much better and sellers believe the trade is returning to a semblance of the pre-holiday period. With the exception of certain articles, stocks of which are held in outside hands, prices are quite firm.

Acid Acetylsalicylic—Makers adhere to \$1.05 per pound basis for aspirin but resellers will do as low as 88c on limited quantities of standard brand goods. This figure is 3c higher than was previously asked as an inside. Buying is steady but large quantities are not passing, outside of through contract channels.

Acid Carboic—Showed firmer tendencies during the week just closed. Consumers appeared active and the old short stock talk was again heard. Distributors' prices holding firm on basis of 35c lb. for acid in 250lb. bbls. and 46c for 1 lb. bottles. Some sellers want 45c for U.S.P. acid in drums.

Acid Citric—American makers holding firm at 49c for crystals and 50c for powder. Imported stocks di-

minishing at 48 1/2c inside. Single kegs foreign made goods 49 1/2c lb. When present stocks of imported material are depleted market may firm to some extent. Demand routine.

Acid Salicylic—Makers selling at 45c for U.S.P. and 42c for technical. Resellers openly quoting 38c@40c lb. but it is understood several sales were put through, during the week, at down to 34c.

Adeps Lanæ—Sellers report very active market at 21c@22c lb. for hydrous and 23c@24c lb. for anhydrous. Some makers say they are forced to place orders on file for future delivery, being sold ahead of their production.

Alkaloids—Buying slowed up temporarily following last week's general price reduction by importers. It is not generally expected that additional cutting will be necessary, but the market is still rather upset.

Amidopyrine—A holder of one distressed lot cut his figure to \$4.25 lb. and has been selling during the week at that figure. Other sellers came down to \$4.50 inside, although buyers are comparatively active and spot stocks are not especially large. Ranges to \$5.00 as to seller and quantity.

Bismuth Metal and Preparations—The steadily advancing English exchange rate caused American sellers to make a general increase in their bismuth prices. Metal advanced 10c lb. to \$2.75@2.85. Preparations are from 10c to 25c higher, the new schedule placing the more important items as follows: Subnitrate, \$2.75; subnitrate cones, \$3.75; subsalicylate, \$3.05; subcarbonate, \$3.25; x-ray, \$3.60; subgallate, \$2.65; subiodide, \$4.55; salicylate, \$1.95; nitrate, \$1.85.

Camphor—Holding steady at 91c@93c lb. for Jap goods in slabs. American bulk gum openly quoted at 96c in bbls. Small sizes American and Japanese practically the same price, ranging between \$1.00 and \$1.02.

Cocoa Butter—Firm with fingers at 36 1/2c@37 1/2c lb. Bulk 30 1/2c@32c.

Eserine Salts—Salicylate cut to \$20oz. and sulfate to \$15oz. in competition.

Formaldehyde—Rather quiet at 16c@16 1/2c in makers' hands. Resellers quote small quantities spot New York in bbls. at 15 1/2c inside.

Hexamethylene—Considerable import material in market at 75c inside. American makers doing little at 95c.

Iodides—A general advance in all iodide preparations was announced four days ago by principal factors, owing to the steadily upward trend of the English pound sterling. New schedule has resublimed iodine 5c higher at \$4.55 lb. Iodoform went up 25c with powder at \$6.00 and crystals at \$7.00. Various salts increased, from 15c to 25c lb. and now stands as follows: ammonium, \$5.20; potassium, \$3.75@3.85; sodium, \$4.25. For minor iodides see chemical price list in back of paper.

Menthol—Spot holders have advanced cases to basis of \$8.25 lb. Less offered at \$8.40@8.50 to quantity. Reported that increase was made to place spot market on parity with Oriental. Consumers buying steadily but on a hand-to-mouth policy, indicating little faith in the strength of market. Most factors in trade believe price cannot be kept at present figure without artificial manipulation.

Mercury—Has quieted down somewhat at \$69.50@ \$70.00 per flask. Market has openly been \$69.50, but it is understood that some factors went as low as \$68.00 to interest users. For shipment \$48.50 c.i.f. is asked. Cables carry reports of a better regulated English market.

Quinine—Schedule on all sulfate brands based on 50c oz. for goods in 100oz. quantities. There are outsiders offering Japanese goods at 49c. but it is understood that figure represents a net cash value. Demand active.

Sulfonmethane—Reduced to \$3.75 lb. by principal sellers. Competition for slow moving business responsible.

Sulfonethylmethane—Down to \$4.75lb. in makers' hands in effort to increase buying and in competition.

Sugar Milk—Resellers want 23c@24c. Makers quote 21c@22c but cannot make immediate delivery. Buyers active and goods continue scarce.

Vanillin—Manufacturers cut prices to basis of 41c@ 41½c. for goods in 400oz. cans. Eighty ounce cans at 41½c, 16oz. cans now 42½c. Reduction made owing to keen competition among first hands on this article. Trading quiet and routine.

LARGER COD LIVER OIL CATCH REPORTED

A larger catch of fish thus far this season for the whole of Norway and some increase in the total yield of oil is reported. The percentage yield of oil in proportion to the catch of fish, however, is smaller this season than last. The catch of cod thus far totals about 2,000,000 fish as against 1,300,000 for the corresponding period last year. Although the fish caught amounts to an increase of fifty per cent, the yield of oil is only 2,452 hectolitres of steam refined medicinal as against 2,141 hectolitres at the same time in 1922, an oil increase of only about fifteen per cent.

The Abbott Laboratories, Chicago, have issued the 1923 Winter Number of "Helpful Hints," a house periodical describing the Abbott products and their indicated uses. The "Story of the Arsphenamines," contained in the current issue, reveals the fact that the U. S. Government bought arsphenamine during the war from American makers at one-third the prices charged by Germany prior to the war. The back of the paper contains a price list of the Abbott specialties. "Helpful Hints" goes chiefly to the medical profession.

The Taps Pharmacal Co. 25 W. 18th st., New York, filed a petition in bankruptcy on Feb. 26, with liabilities, \$71,960; assets, \$4,025; main items being accounts, \$4,000. Principal creditors are Irving Gordon, \$5,000, secured; Alnesh Realty Corporation, \$2,700, secured; S. Liebmann's Sons, Inc., \$5,815; Diamond Match Co., \$7,814; Hilda Jones, \$11,250; William Rabinowich, \$3,049; Park Drug Co., \$1,273.

Herman A. Löeb, who was in the chemical importing business in the Produce Exchange Annex, died on Sunday at his residence, 12 West Eighty-fourth st. He was born in Holland sixty-seven years ago and came to this country when a young man.

Refined granulated sugar was advanced to 9 cents, last week, the highest price since 1920. The Federal Sugar Refining Co. charges that "the sugar market is being manipulated by speculators."

The War Department will open bids on castor oil, located at Riverside, Cal., on March 8, at Washington, D. C.

DRUG TRADE PROTESTS ERNST-WOOD BILL FOR SEPARATE ALCOHOL BUREAU

Measure Would Make Prohibition Commissioner Responsible Only to the President—Disastrous Financial Results Feared by Legitimate Alcohol-Using Industries

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 28.—A. Homer Smith, secretary of the American Drug Manufacturers' Association, on behalf of that association and the National Drug Trade Conference, has filed briefs with the House Committee on the Judiciary in opposition to the Ernst-Wood bill, which provides for change in the Prohibition Bureau whereby the Commissioner of Prohibition would be directly responsible to the President. The protest says in part:

"While the bill before you makes the Prohibition Commissioner responsible to the President of the United States, you can appreciate how utterly impossible it would be for the President to review certain of the rules and regulations issued by the Prohibition Commissioner during the past year and which were only taken before the Commissioner of Internal Revenue after every effort possible had been exerted before the Prohibition Commissioner at a tremendous loss to our industry and the United States Government in both time and money."

Cases were cited in which orders were issued by the Prohibition Commissioner which would have caused heavy financial losses to manufacturers. The subsequent hearings before the Commissioner of Internal Revenue were exhaustive and resulted in the orders being rescinded. It is claimed that a Government bureau such as proposed would have power which could be enforced with disastrous results to legitimate alcohol-using trades.

The National Drug Trade Conference bases its protest on similar grounds, and requests the appointment of an advisory trade committee from the membership of the national associations in trades using alcohol, for the purpose of consultation on proposed regulations drawn up by the Prohibition Commissioner.

It is believed that the Ernst-Wood bill will be smothered in committee, as Representative Volstead, chairman of the House Judiciary Committee, is strongly opposed to it. The measure came up for consideration last week and after a brief hearing was laid aside and no report was forthcoming.

WOOD ALCOHOL OUTPUT DOUBLED

The production of acetate of lime and wood alcohol almost doubled in 1922, compared with 1921, according to reports of the Bureau of Census, in co-operation with the National Wood Chemical Association.

Total output, reported by firms which produced over 97 per cent of the total acetate of lime in 1921, amounted to 119,911,000 pounds of acetate of lime in 1922, as against 56,445,000 pounds reported in 1921, while wood alcohol production was reported as 6,687,845 gallons in 1922 and 3,500,368 gallons in 1921. Wood consumption was reported as 743,081 cords in 1922 and only 384,770 cords in 1921. The 1922 output was considerably smaller than in 1920 in all of the above lines.

Exports of wood alcohol in December amounted to 104,438 gallons, valued at \$92,533; formaldehyde, 101,127 pounds, valued at \$13,425; acetate of lime, 2,210,350 pounds, valued at \$68,900. Germany and England took the largest shipments of wood alcohol; England and Japan took large quantities of acetate of lime; and Japan and Cuba the largest share of the exports of formaldehyde.

The Crude Drug Market

Current Spot Quotations of Crude Drugs, page 563

LOWER PRICES FOR SPOT BUCHU LEAVES

Curacao Aloes Higher—Further Sharp Rise in Cardamom Seed—All Gingers Moving Upward Rapidly—Arrowroot Up—Another Cut in Culvers Root—Benzoin Easier—American Saffron Lower

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Aloes, Curacao, 1c lb.	Cottonroot Bark, 1c lb.	Dragon's Blood Reeds, 10c lb.	
Arrowroot, St. Vin., 2c lb.	Ginger, African, 1c lb.	Guarana, 10c lb.	
Cardamom Seed, Blch., 25c@50c lb.	Cochin, 1c lb.	Hops, 2c lb.	
Decorticated, 5c lb.	Jamaica, 2c lb.	Saffron, Amer., 5c lb.	
Green Grinding, 5c lb.		Shellac, T. N., 1c lb.	
Benzoin, Sumatra, 3c lb.			
Buchu Leaves, 5c lb.			
Cantharides, Russ. Pd., 25c lb.			
Culvers Root, 15c lb.			

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, U.S.P.	\$4.00	\$4.40	\$4.40	\$2.22	\$9.00	\$12.85
Buchu Leaves, Short	.95	1.00	1.10	1.08	4.00	.85
Cantharides, Russian	1.75	1.75	2.00	2.25	9.00	2.10
Cocculus Indicus	.03½	.03½	.03½	.06½	.85	.03
Ergot, Spanish	.55	.55	.60	1.08	4.50	.54
Insect Powder, pure	.75	.75	.75	.42	1.00	.28
Ipecac, Cartagena, pwd.	2.00	2.00	1.75	1.60	4.50	1.35
Nux Vomica	.07	.07	.07	.10	.14½	.07
Opium, gum	6.75	6.75	6.75	5.50	30.00	5.00
Rhubarb Root, H. D.	.42	.42	.45	.50	1.75	.15
Tragacanth, No. 1, ribbon	1.70	1.70	1.75	2.50	6.00	1.50
Wild Cherry Bk., thin nat.	.09	.09	.09	.09	.21	.07
Average	1.36	1.36	1.36	1.35	5.28	1.00

On the surface during the past week, business has appeared slow. Some heavy buying, however, by big consumers has been carried on quietly and has removed large stocks of a number of items from this market. One house reported that, although their routine business during the period had been comparatively small, they had actually moved more goods in big lots into consumption than during any other week so far this year. Price revisions on the spot have been about equally divided between advances and declines. Where new stocks are offered, there has been some disposition to shade prices, but the declines compared with the total number of firm prices are really very few. A sharp advance in bleached cardamoms has been noted this week as expected for some time past. Curacao aloes are scarce for shipment and higher on spot. Buchu leaves are soft, in small demand, and under selling pressure on spot. All types of ginger are higher and still tending to climb. Sumatra benzoin is somewhat lower. Culvers root, dragon's blood reeds, American saffron, hops and guarana are easier.

Agar Agar—Practically nominal on spot with a good No. 1 at \$1.70 lb.

Aloes—Scarcity on spot and also for shipment of Curacao aloes has very effectively stiffened the price. Spot cases in quantity are up to 7½c; single cases at 8c lb. Cape aloes spot cases at 8c lb.

Arabic Gum—Sorts in steady demand, although the high price has reduced buying to smaller quantities. Amber bags spot 21½c lb. unchanged.

Arnica Flowers—Weak and in limited demand at 11½c lb. spot unchanged.

Arrowroot—Little to be had in primary markets. Spot prices have again moved up, 14c lb. now being quoted spot bbls. for St. Vincent. Most of this year's crop bought by London.

Balsam—Oregon fir still center of stage and very scarce at \$2.75 gal. A number of houses are offering very small lots at this price. Peru at \$2.00 lb. and easy. Canada fir at \$11.00 up to \$11.50 gal. as to seller.

Benzoin Gum—Lower prices are noted on spot for Sumatra benzoin, which is now offered in boxes down to 32c lb., although some sellers still adhere to 35c.

Blackhaw Bark—Bark of root continues scarce and unchanged at 41c@43c lb. Tree also unchanged at 25c spot.

Buchu Leaves—Owing to the cheaper cost goods coming forward to this market from Cape Town, buyers here are not taking on supplies except in very small lots for immediate consumption. Pressure on prices in the absence of demand has brought out 95c lb. spot bales and \$1.00 for less than bales. Little inquiry even at the lower price. Goods to arrive at 85c and 90c lb. duty paid.

Cantharides—Russian weak at \$1.75 whole cases spot. Powdered lower at \$2.00 lb. Chinese firmer at \$1.05 whole; \$1.25 powdered.

Cardamom Seed—As has been expected, bleached seed shot upward this week. Good No. 1 white went to \$1.75 lb. Poor stuff went from 90c to \$1.25 inside spot. Decorticated higher at \$1.10 lb. Green practically nominal at same price. The rise is not believed to have reached top limits yet.

Chamomile Flowers—Good quality spot Hungarian at 18c lb. Range up to 20c lb. as to seller. Demand dull. Romans quiet at \$1.20@1.25 lb. spot, unchanged.

Cohosh Root—Although some brokers talk 8c for black cohosh, the country cost is this and 9c looks more like a market. Blue also 9c spot.

Cottonroot Bark—Spot goods named at 15c lb. inside.

Cube Berries—Selling unchanged and without great demand at 82½c lb. spot U.S.P. XX whole.

Culvers Root—Spot lot available now down to 30c lb., although some are asking 35c. Some of this material cost dealers up to 55c and 60c.

Dandelion Root—Firm and well held at 14c lb. spot. Demand quiet.

Dragon's Blood Reeds—Some spot sellers have broken to \$1.40 lb. spot for reeds, although up to \$1.50 is still named here.

Ergot—As long as lots of ergot in weak hands on spot are offered the market is likely to stay at 55c or thereabouts. Stocks have accumulated and demand has been rather limited. With the elimination of the weaker sellers, who are evidently in need of cash, some of the stronger holders will undoubtedly move prices up again. Present prices almost equal cost to import.

Ginger—All types of ginger continue to rise rapidly as stocks are small and demand active. Reports from Jamaica state the crop is not as large as at first supposed owing to drought. For shipment, new crop grinding is held at £5 per hundred lbs. Spot is higher at 30c for fair grinding up to 40c for a good fancy bold African higher at 15c lb. Cochin lemon and ABC at 16c@17c lb., both being higher.

Guarana—Whole easier on spot as offerings at 60c lb. are heard.

Insect Powder—Although 71c and 72c are heard spot, the two real factors quote 75c lb. spot and base price on flower cost. Demand for small lots is fair, but big business is about over for the season. Flowers at 57c for open Dalmatian and 61c for all closed c.i.f. New York.

Ipecac—New lot offered sparingly at \$2.00 lb. spot cases. Powder at \$2.00@\$2.10 lb.

Lycopodium—Continues weak and in small demand at 40c lb. spot packets. Overstocked here. Buyers afraid of weak market.

Rhubarb—Soft and in limited demand on spot at 42c lb. cases. In big way, 40c has been reported, but 42c generally heard. Powdered easy at 46c, 48c and 50c lb. spot bbls. and less.

Saffron—American easier on offers of new imports spot. Quoted \$1.25@\$1.30 lb. Spanish tightly held here at \$45.00@\$46.00 lb. Little offered from abroad at any price. In spite of record breaking prices here, crop in Spain said to be complete failure.

Soap Bark—Whole is firm at recent advance to 7½c spot and very scarce. Import cost of cut and crushed uncertain under tariff. Spot 8½c lb.

FORMER HILLIER SECRETARY DIES

William C. Moore, for nearly fifty years connected with the old R. Hillier's Son Co., crude drug importers and millers of New York and Jersey City, N. J., died on Feb. 20 at his home in Brooklyn, N. Y., at the age of 69. Mr. Moore retired from active business in 1921 at the time of the consolidation of R. Hillier's Son Co. and P. E. Anderson & Co. to form the Anderson-Hillier Co., now at 99 John st., New York. At the time of his retirement, Mr. Moore was secretary of the company. He entered the employ of the Hilliers in 1873 as an office boy.

The Druggists Supply Corp., 145 Lafayette st., New York, held its tenth annual convention at the Hotel Pennsylvania last week, Feb. 19-24. The corporation numbers among its members about seventy-five of the leading wholesale drug houses of the country, most of which had representatives at the meeting. An exhibition of drug sundries was held in connection with the numerous meetings, dinners and theatre parties.

S. B. Penick & Co., 115 Fulton st., New York, have purchased a factory building in Asheville, N. C., which was occupied by J. Q. McGuire & Co., for twenty years. Penick & Co., will occupy the building at the termination of McGuire & Co's lease. Penick & Co. are erecting a warehouse at Asheville for surplus storage, which will be completed about May 1.

The Philadelphia College of Pharmacy and Science, Philadelphia, has subscribed \$290,000 to its \$2,000,000 building and endowment fund. The drive will be extended to include all pharmaceutical manufacturers and other persons interested in the institution, as well as its students, alumni and others closely connected with it.

Spain has issued a decree providing strict regulations for the importation into Spain of opium, morphine and cocaine. Importation of these articles is prohibited without license.

Prohibition Commissioner Haynes declared last week that E. C. Yellowley, acting state prohibition director of New York, would remain in that office indefinitely.

A new duty of twenty-eight cents per pound has been levied on saccharin shipped into British Guiana. Alcohol denaturants were placed on the free list.

STAMP TAXES AND THE DRUG TRADE

(Continued from page 526)

"cipher" there are two hundred varieties. The only other private dies bearing printed cancellations are the three of Lanman & Kemp, sixty-two in all beside hand-stamped cancellations on the regular and private dies.

The majority of the 4c stamps were used by the makers of chewing gun who affixed the stamps to the large packages sold to the dealers. The ½c T.B.CO. was used on "Sen Sen Gum," and the 2c in pairs bear that name in a typewritten cancellation. The R.C.Co. cancellations were used on "Ripans Tablets," the letters being the initials of the ingredients used: Rhubarb, Ipecac, Peppermint, Aloes, Nux Vomica, Soda.

The largest number of varieties made by any one firm is that of Keasbey & Mattison Co. Seventy-eight dates numbering over one thousand distinct varieties, including inverts and doubles, besides two hundred or more minor varieties such as misplaced and omitted periods and commas, and typographical errors. There are over one hundred hand-stamped varieties.

It is interesting to note that cancellations on many of the previous issues are found on this 1898 issue, and forty-four of those who had their private dies during the Civil War period of taxation used this later issue. All the owners of the private dies of 1898 used them. Among the cancellations found on all the regular issues of Proprietary stamps are those of E. Fougere & Co., Hall & Ruckel, Humphrey's Homeopathic Medicine Co., Lanman & Kemp, McKesson & Robbins, Chas. Osgood, The Pond's Extract Co., Radway & Co., Tarrant & Co., S. R. Van Duzer, and others.

BILL PROHIBITS HEROIN SHIPMENTS

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 28.—Senator Ladd of North Dakota has introduced a bill "to prohibit interstate commerce in the drug heroin (diacetyl-morphine)." The bill, which has been referred to the Senate Committee on Interstate Commerce, is as follows:

"Sec. 1.—That interstate commerce in the drug heroin (diacetyl-morphine) is hereby prohibited.

"Sec. 2.—That any person who shall violate the provisions of this act shall be guilty of a misdemeanor and for each offense shall, upon conviction thereof, be fined not less than \$1,000 or sentenced to one year's imprisonment, or both such fine and imprisonment, in the discretion of the court.

"Sec. 3.—That the word 'person' as used in this act, shall be construed to import both the plural and the singular, as the case demands, and shall include corporations, companies, societies, and associations.

"Sec. 4.—That this act shall be in force and effect from and after three months after its passage."

NARCOTIC REGULATIONS REVISED

Government officials, who are responsible for the enforcement of the narcotic laws, have taken up charges made by the medical profession that the regulations to carry out the Harrison narcotic act have practically eliminated physicians from the care of addicts, driving the victims to the underworld peddler for their drug supplies, and the rules are being revised.

Colonel L. G. Nutt, chief of the Narcotic Field Service, with headquarters at Washington, said that the revisions were designed to broaden the policy of the bureau with regard to the extent physicians will be permitted to prescribe for drug sufferers. It was intimated that under the new rulings the medical practitioner would be given greater liberty in the handling of addicts than is now afforded under the regulations.

The Essential Oil Market

Current Spot Quotations of Essential Oils, page 565; Aromatic Chemicals, page 566

LEMON, ORANGE & BERGAMOT ADVANCED

Sharply Higher Figures from Italy Caused Spot Sellers to Increase Prices—Vanillin Cut by Makers in Competition—Clove Oil Market Feverish and Higher—Sandalwood Up Again—Wormseed Advanced—Market More Active

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced					Declined				
	Oil Bergamot, 10c lb.	Oil Cassia, 5c lb.	Oil Cloves, 10c lb.	Oil Hemlock, 15c lb.		Oil Caraway, 50c lb.	Oil Wormwood, \$1.00 lb.	Vanillin, 2c oz.		
Trend of the Market										
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War				
Oil Bergamot	\$2.60	\$2.50	\$2.50	\$5.00	\$7.00	\$5.00				
Oil Citronella, Ceylon	.72	.72	.64	.54	.92	.60				
Oil Cloves	2.00	1.85	1.90	2.15	3.70	1.40				
Oil Lemon	.70	.67	.70	.70	1.70	2.00				
Oil Peppermint, Nat.	2.85	2.85	2.90	1.70	9.00	2.25				
Oil Sandalwood, E. I.	7.50	7.35	7.10	7.25	13.00	5.25				
Oil Sassafras, Artif.	.42	.42	.42	.53	1.00	.26				
Benzaldehyde, U.S.P.	1.40	1.40	1.40	1.25	5.15	1.50				
Coumarin	4.00	4.00	4.00	3.00	31.00	3.10				
Methyl Salicylate, Cans.	.57	.57	.62	.35	1.00	.90				
Vanillin	.41	.43	.43	.53	.95	.29				
Average	2.12	2.08	2.06	2.12	6.83	2.05				

Following on the heels of a rather quiet period, the past week in essential oils has proven a very active session. Business improved considerably and a few large orders were in the market. Small sales were numerous and the total volume of goods moved was larger than heretofore. Prices had an unusually active week, most of the changes being revisions to higher levels. Italian shippers have again become bullish and, aided by strength in exchange, have succeeded in forcing spot bergamot, lemon and orange to higher positions. Makers cut vanillin schedule to 41c inside in competition. A large order for clove oil, which appeared in the market five or six days ago, caused an advance in price and a general withdrawal of offerings. Sandalwood is mounting here as shippers continue to bull the market. Cheaper supplies of caraway oil are available. Hemlock is practically nominal at higher figures. Oil wormseed has been reduced considerably. Menthol is up. Resale coumarin continues in the market under makers' scheduled price.

Essential Oils

Oil Anise—Continues at 47c@50c for technical and 52½c@55c for U.S.P. Supplies plentiful and demand slow.

Oil Bay—Is reported firmer at \$2.45@2.55lb. as to quality.

Oil Bergamot—Holders in Italy have become temporarily bullish and spot figure is higher. Requests for a price brought out various inside values of \$2.60, \$2.75 and \$2.85. Generally held at \$2.60@2.75, although another increase will probably be made if shippers are able to hold up their end. Stocks here fairly large and buying is as yet rather slow.

Oil Caraway—Lower priced oil is on market at \$5.50@\$6.00lb. Stocks light, but demand is strictly limited.

Oil Cassia—Has firmed to \$2.10@2.15lb. for U.S.P.

Technical goods available in limited amounts at \$1.75@1.80. Quotations from the Orient continue high and caused the spot increase. Good sale reported.

Oil Citronella—Ceylon standing still at 72c@73c. Buyers both among consuming houses and in trade do not seem anxious to speculate on this article. Some factors say they expect a break at any moment while others believe the present market will hold for a few weeks. Cans 74c@75c. Java oil 85c in drums and 87½c in cans.

Oil Cloves—Reported that the appearance of an order for 10,000 lbs. of oil caused sellers to withdraw their offerings. Last sale at \$1.85 went through four days ago and most holders asked nominally \$2.00 inside for cans. The principal factors were not anxious to quote at all. Ranged to \$2.10 on cans and named at \$2.10@2.20 in bottles. One prominent factor said \$3.00 oil would not be surprising. Spice is high on spot and not a great deal is offered for shipment.

Oil Eucalyptus—Much firmer in some quarters, but there are still sellers at 45c in drums and 45c@47½c in cases. Price as high as 54c on cases in some sections of trade. Stocks reported rather light, but consumers are interested only in a routine way.

Oil Hemlock—Now and then a hundred pound lot changes hands in trade but consumers are only able to obtain goods in limited quantities. Last big sale went through in trade at \$1.50 and holders are asking \$1.65 in a small way. Few offerings from country.

Oil Lemon—Strength in exchange coupled with a show of stability in Italy caused spot holders to increase quotations. Ten copper lots held at 70c generally. Ranges to 85c as to quantity, brand and seller. A 65c c.i.f. figure has been received from shippers. Lowest reported 62c, but a weakening is expected before any sales are put through at such a price as there is considerable material in spot market.

Oil Mustard—Best on artificial goods in bottles \$2.75@3.00 as to quantity. American manufacturers expect to be back in market shortly and possibly some lower figures will be quoted on this article.

Oil Orange—Spot market has firmed considerably on shaply higher quotations from abroad. West Indian sweet oil generally held at \$2.35@2.50 with Italian at \$2.60@2.75. Early in the week there were sellers slightly under these figures but it is believed they have withdrawn. On basis of latest asking prices from shippers spot market would be considerably higher than it is at present.

Oil Peppermint—Rather quiet with country holders firm in their demands. Natural oil spot at \$2.85@2.95lb. Redistilled \$3.10@3.20lb. Selling in country at \$2.60@2.65.

Oil Sandalwood—Carried higher with increase in pound sterling value and extreme bullishness of Mysore Government. Reported that better than \$7.85 cannot be done on spot Mysore Government goods. Asking up to \$8.00. On ordinary grades down to \$7.50 is still possible. Likely to continue on the upgrade if shippers hold their ground.

Oil Wormseed—Spot sellers generally asking \$4.25 but material can be had in some quarters at \$4.15lb. Country prices firm and tending higher. Sales put

through recently at \$4.00. Spot stocks limited but buyers are not particularly active.

Oil Wormwood—Soft and much cheaper due to reductions in country where plentiful stocks have been slow in moving. Spot oil offered at \$6.50 inside. Ranges to \$7.00 as to quantity and seller.

Aromatic Chemicals

Coumarin—Material in outside hands openly quoted at \$3.90/lb. Sales of 100 lb. lots in trade reported at \$3.75. Makers maintaining their \$4.00@4.25 price schedule. Buying routine.

Menthol—Has been advanced to \$8.25 lb. in case lots. Increase made to place spot market on parity with shipment market. Less than cases \$8.40 to \$8.50 as to quantity.

Vanillin—Makers cut price to 41c@41½c. in 400 oz. cans. Smaller packings 41½c@42½c as to quantity. Reduction made in competition.

PRODUCED \$44,000,000 FLAVORING SYRUPS

Washington, D. C., Feb. 28.—The value of products of establishments engaged primarily in the manufacture of cordials and flavoring syrups amounted to \$44,007,000 in 1921 compared with \$46,807,000 in 1919, and \$15,316,000 in 1914, a decrease of 6 per cent from 1919 to 1921 but an increase of 187.3 per cent for the seven-year period, 1914-1921. In addition to the value of products of this industry, cordials and flavoring syrups to the value of \$1,007,000 in 1921, \$2,095,000 in 1919, and \$672,000 in 1914 were reported as subsidiary products by establishments assigned to other industries.

Of the 127 establishments reporting products valued at \$5,000 and more in 1921, 35 were located in New York; 10 in Pennsylvania, 8 each in Illinois and Massachusetts; 7 in California; 6 each in Maryland, Ohio, and Texas; 4 each in Georgia, New Jersey, Tennessee, and Virginia; 3 each in Alabama, Kentucky and Missouri; 2 each in Colorado, Louisiana, Minnesota, North Carolina, and South Carolina; and 1 each in Delaware, Kansas, Maine, Oklahoma, Oregon and Wisconsin.

In July, the month of maximum employment, 1,809 wage earners were reported, and in December, the month of minimum employment, 1,043, the minimum representing 57.9 per cent of the maximum. The average number employed during 1921 was 1,399 as compared with 1,398 in 1919.

SPANISH ESSENTIAL OIL STOCKS DWINDLE (Special Correspondence to DRUG & CHEMICAL MARKETS)

Malaga, Spain, Feb. 17.—The essential oil market is short of many products, according to a report by Felix Gutkind, who notes the following changes:

Rosemary Oil—There have been extensive transactions in this product during the past month, which have almost cleared the market of stocks. The new crop oil will not be ready until the end of March and prices are distinctly firm at present. It is very doubtful if the new crop oil will be cheaper or the yield sufficient to meet the demand.

Lavender Spike Oil—Business has been fairly brisk and prices have advanced about 7 per cent.

Pennyroyal Oil—Stocks are now completely exhausted.

Thyme Oil—Prices have risen 10 per cent. Available supplies in the South of Spain may be estimated at between five and eight tons. No fresh oil can be shipped until July.

The Synthetic Organic Chemical Manufacturers' Association will hold a special meeting at the Hotel Pennsylvania, New York City, March 8.

Essential Oil Notes

Venezuela will produce between 200,000 and 250,000 pounds of tonka beans this year, according to a recent crop estimate furnished by Consul Henry D. Baker of the U. S. Department of Commerce.

Joseph L. Stummer, for the last three years employed as a chemist with Parfumerie Rigaud, has opened offices at 201 Fulton st., New York. He will manufacture compacts and various other cosmetic specialties.

The Pallas Mfg. Co., Inc., formerly located at 71 Spring st., New York, has moved to larger quarters at 463 East 133rd st. The concern makes vanity cases, eyebrow pencil holders, lip stick holders and similar metal specialties.

The Perfumery, Soap and Allied Industries of New York held its monthly dinner and meeting at Murray's Restaurant, 42nd st., New York, on Wed., Feb. 28, at 6:45 P. M. Victor Vivaudou, just back from Europe, presided at the meeting.

Elmer M. Quirk, who has been covering the New York City territory for Compagnie Parento, Inc., Croton-on-the-Hudson, has been placed in charge of the concern's Philadelphia, Baltimore and Washington territory, which he will cover out of the New York office, 505 5th ave.

V. Vivaudou, Inc., New York, has declared a dividend of fifty cents per share on its common stock, payable March 2 to stockholders of record Feb. 19. The last previous dividend was paid in January, 1921. Orders on hand at the end of January totalled \$1,539,986 as compared with \$567,479 Jan. 31, 1922.

Trade Notes and Personals

James McCurrach, of the Hazard Advertising Corp., has an article in the February issue of "Advertising & Selling" on "Heart Throbs and Sales Records," a discussion of catchy advertising copy.

The purchasing power of the dollar is 61 pre-war cents, according to Irving Fisher, professor of economics at Yale University. Last week's prices averaged 164 per cent of the pre-war level.

Robert B. French, for fifteen years with Marx & Rawolle, has been appointed Eastern sales manager for the Harshaw, Fuller & Goodwin Co., Cleveland, O. Mr. French succeeds the late Thomas M. Starkie.

James Thomas Head, for many years in charge of the manufacture of potassium cyanide at the H. V. Davis Chemical Works, New Bedford, Mass., died at the age of 72 at his home Feb. 8 after two years' illness with Bright's disease.

The following men were elected officers of the Drug and Chemical Club at a meeting held last Wednesday, Feb. 21: President, Otto E. Schaefer; vice-president, Frank P. Cheesman; secretary, Charles R. Pitcher; treasurer, William M. Rosendale.

Edward W. Morley, formerly Professor of Chemistry at Cleveland Medical College and Western Reserve College, and a member of the Royal Institute of London, died at his home in Hartford, Conn., Feb. 24, after a month's illness. Dr. Morley devised an apparatus for the analysis of gas.

The Consuming Industries

Trade Tips for Sellers

The Magnolia Paper Co., Houston, Tex., is building a \$75,000 addition to its local mill.

The American Paper & Pulp Association will hold its forty-sixth annual convention at the Waldorf-Astoria Hotel, New York City, during the week of April 9-14.

The Premier Leather Co., Boston, Mass., has resumed the production of black and colored glazed kid at its Philadelphia plant. The output will be increased gradually.

W. C. Durant, head of Durant Motors, Inc., has purchased the American Plate Glass Co., Kane, Pa. The concern has an annual capacity of about 6,000,000 square feet of plate glass.

The Fisk Rubber Co.'s annual report shows net profits of \$1,655,076 for 1922 as compared with a deficit of \$6,398,469 in 1921. The deficit was due to an inventory adjustment of \$8,390,455.

The window glass plant of the National Glass Co., Shreveport, La., will be reopened at once. About 250 operatives will be employed. The works have been inactive for some months past.

The tire plant belonging to the Ames-Holden Tire Co., Kitchener, Ont., has been purchased by the B. F. Goodrich Co., Akron, O. The works will be operated at capacity basis of 1,000 tires per day.

There were 37,225,419 cotton spindles in place in January, 1923, all of which were in operation at some time during the month, as compared with 35,240,853 spindles in December, 1922, and 34,441,419 in January, 1922.

The new pulp mill of the Grass Fiber Pulp & Paper Corp., Leesburg, Fla., recently completed, is now in operation. Other departments in the new plant, which will make paper from saw grass, will be at work in the near future.

The Syracuse Rubber Co.'s plant at Syracuse, N. Y., will be taken over and remodeled by the Syra-Cord Rubber Co., now being organized. The new concern will have a capital of \$1,000,000 and will produce cord tires and kindred rubber products.

The Stanwood Rubber Co., Newark ave., Elizabeth, N. J., recently organized, has acquired a plant at the above address from receivers and has installed machinery for the manufacture of cord tires. S. P. Woodward is president and C. O. Corey is superintendent of the new concern.

The Riceville Hosiery Mills, formerly at Riceville, Tenn., has moved to Bristol, Va., and has purchased the plant of the Wood Hosiery Mills, Inc. The concern is now operating as the Teneva Hosiery Mills. R. S. Pennington is president and L. A. McCracken superintendent of the company.

The Bradford Dyers' Association, Ltd., Bradford, England, recently announced a 35 per cent dividend. As a result there is considerable agitation for a reduction in dyeing rates, inasmuch as the large dividend was declared when the business was in a state of depression. The association is carrying forward a balance of £468,369 this year compared with £400,369 in 1920.

A cotton mill, to cost \$500,000, will be built near Rockingham, S. C., by the Leak Mfg. Co., recently incorporated with a capital of \$600,000. T. C. Leak, president of the Roberdel Mfg. Co., Rockingham; J. A. Leak, Wadesboro, and William and George Entwistle, Rockingham, are large shareholders in the corporation.

The Nickelsburg Brothers Co., Meadow ave., Newark, N. J., recently issued \$1,000,000 additional preferred stock, part of the returns to be used to effect an extensive increase in the production capacity of their leather tannery.

A new one-story bleaching and dyeing plant is being erected by the Wakefield Textile Mills Co., Wakefield, R. I.

New Consuming Companies

Abner-Drury Co., Wilmington, \$700,000. To make non-alcoholic beverages. Corporation Service Co., Wilmington.

Isis Products Corp., New York, \$150,000. To make medicines. B. L. Norton, E. C. Ballanstyne; attorney, F. F. Von Dorn, 141 Broadway.

M-H Printing Ink Co., Brooklyn, \$60,000. H. D. Watson, J. C. Williams, F. W. Kristeller; attorneys, Watson, Kristeller & Swift, 68 William street.

Lysine Products Co., Wilmington, \$800,000. Chemists and druggists. Corporation Service Co.

Flatbush Gum Co., Brooklyn, \$25,000. To make chewing gum. J. W. Graves, T. and M. O'Brien; attorneys, Ruston & Snyder, 50 Court street, Brooklyn.

Valsam Products of America, New York, \$20,000. To make toilet articles. Z. Schwartzman, A. Sampedro; attorney, J. D. Schwartzman, 16 Gates avenue, Brooklyn.

The General Linseed Products Co., Inc., Brooklyn, \$100,000. To make linseed oil products. J. McAuliffe, 1096 Putnam avenue, Brooklyn.

National Comb Works, Newark, \$100,000. George and Arthur S. Lord, Newark, Benjamin Klein, Elizabeth, N. J.

Lee Baking Co., Wilmington, \$300,000. Corporation Trust Co. of America.

Jacob Glen Co., Lynn, Mass., \$25,000. To make textile and paper products. Mollie and Louis I. Glen, Louis Weisberg, Lynn.

Whistle Bottling Co., Springfield, Mass., \$50,000. To make non-alcoholic beverages. H. W. Carlson, East Hartford, Conn., Earl C. Lovejoy, Harold F. Small, Springfield.

Ravenswood Dye Works, New York, \$5,000. T. C. Nellist, W. B. Cornell, J. Linberg; attorney, C. A. Woods, Long Island City, New York.

Orange Crush Bottling Co., of Alabama, Wilmington, \$1,000,000. Corporation Service Co.

Malden Spinning & Dyeing Co., Malden, Mass., \$150,000. To spin and dye textile fabrics. S. C. Victor and H. Feuerstein, Malden, Mass.

M. Gollobin, Inc., Brooklyn, \$75,000. To make drugs and medicines. H. Aronowitz, 181 Penn st., Brooklyn.

Lally Lax Co., Inc., New York, \$500,000. To make pharmaceutical products. Mary Lawrence, 106 E. 127th st., New York City.

Household Products, Inc., Wilmington, \$50,000,000. To make medicinal preparations. Corporation Trust Co., 37 Wall st., New York City.

Guthrie Lithograph Co., Dover, \$100,000. To do engraving and lithographing. Corporation Trust Co., 37 Wall st., New York City.

Anada Dry Ginger Ale, New York, \$25,000. J. Wanamaker, Jr., E. O. Munn, A. F. Grasshof; attorneys, Rounds, Hatch, Dillingham and Debevoise, 62 Cedar st., New York.

North Carolina Hand Woven Mfg. Co., Asheville, N. C., \$25,000. To manufacture textiles. L. L. Froneberger, N. V. Clark, J. C. Styles.

Welworth Hosiery Co., Creedmoor, N. C., \$50,000. N. J. Baddie, J. E. Harris, L. V. Pearce.

Earle Textile Co., Morganton, N. C., \$500,000. T. B. Earle, Morganton; F. Garrou, Valdese, N. C.; F. O. Huffman, Dreel, N. C.

Beetle-Baker Co., Lynn, Mass., \$10,000. To make liquid rubber cement. Lawrence F. Muther, W. L. Newton, 342 Massachusetts ave., Boston.

Berger Levy Co., New York City, \$100,000. To make glassware specialties. H. A. and E. N. Bloomberg, W. Kaufman; attorneys, Bloomberg & Bloomberg, 1482 Broadway.

French Mica Co., 208 Broad st., Elizabeth, N. J., \$10,000. R. W. Leary, M. W. Clephane, Donald Somers.

The Foreign Markets

Imports of Drugs and Chemicals, page 567

FOREIGN EXCHANGE	Par Current
Great Britain (pound sterling).....	\$4.856 \$4.713
France (franc) .....	.193 .060
Italy (lira) .....	.193 .048
Germany (mark) per hundred.....	23.80 .004
Czechoslovakia (crown) per hundred.....	20.30 2.975
Poland (mark) per hundred.....	23.80 .002
Japan (yen) .....	.499 .483
Spain (peseta) .....	.193 .156
Holland (guilder) .....	.402 .396
Belgium (franc) .....	.198 .053
Switzerland (franc) .....	.193 .188
Sweden (crown) .....	.268 .266
Denmark (crown) .....	.268 .195
Argentina (peso) .....	.424 .373
Brazil (milreis) .....	.279 .115
China (Silver dollar—Hongkong).....	.789 .533
(Tael—Shanghai, silver)	1.082 .718
(Tael—Peking, silver)	1.156 .770

FRENCH CHEMICALS DEMAND IMPROVES

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Marseilles, Feb. 17.—Industrial chemicals are firm. While the demand is good and inquiries are more numerous, prices have not advanced. Quotations per 100 kilos follow,

Francs	Francs
Muriatic acid, 20 deg. 22	Magnesium chloride ... 13
Nitric acid, 36 deg. .. 105	Potassium chloride .. 69
Nitric acid, 40 deg. .. 115	Potassium nitrate 160
Sulfuric acid, 60 deg. .. 19	Magnesium sulfate ... 39
Sulfuric acid, 50 deg. .. 17	Copper sulfate, 98% ... 140
Chlorate of potash ... 305	Iron sulfate, 95% 17
Soda, caustic 115	Potassium sulfate 100
Soda, silicate 41	Ammonium sulfate 103

Foreign Trade Opportunities

The Department of Commerce, Washington, D. C., has received the following inquiries for drugs, chemicals and accessories. Reserved addresses may be obtained from the Bureau and its district and cooperative offices. Request for each opportunity should be on a separate sheet and state opportunity number. The Bureau does not furnish credit ratings or assume responsibility as to the standing of foreign inquirers; the usual precautions should be taken in all cases.

5257—Calcium magnesium chloride for composition flooring—Canada. Purchase. Quotations, f. o. b. Canadian port. Terms: Cash.

5258—Sulphate of ammonia—China. Purchase. Quotations, c. i. f. Chinese port.

5260—Dried skimmed milk powder in quantity of 10 tons or more—Austria. Purchase and agency. Quotations, c. i. f. Hamburg.

5265—Bicarbonate of soda and talc—Canada. Agency.

5269—Oil cakes, chemicals, fertilizers—Sweden. Purchase and agency. Quotations, c. i. f. Kalmar. Terms: Cash against documents.

5271—Naval stores—Italy. Purchase. Quotations, c. i. f. Naples, Genoa, or Livorno. Terms: Cash against documents.

5274—Pyro acid soda phosphates, as used by bakers and confectioners—England. Purchase and agency. Quotations, c. i. f. Manchester or Liverpool. Terms: Cash against documents.

5278—Caustic soda, bicarbonate of soda and of potash, naval stores, turpentine and substitute, formaldehyde, acetone, and gas carbon black—England. Agency or purchase. Quotations, c. i. f. European ports. Terms: Payment against documents.

5304—Patent medicines, drugs, perfumes, toilet requisites, dental creams and powders, soaps, lavender, face powders—India. Agency and purchase. Quotations, c. i. f. port of India. Terms: Payment against documents, arranged by letter of credit.

5320—Sulfur—Belgium. Agency. Quotations, c. i. f. Belgian port. Terms: Cash against documents.

5321—Perfumes and toilet articles and toys—Chile. Purchase and agency. Quotations, f. o. b. New York.

5350—Chemical and pharmaceutical products—Spain. Purchase. Quotations, c. i. f. Spanish port.

5389—Chemical fertilizers, particularly ammonium sulfate, in large quantities—China. Agency. Quotations c. i. f. Chinese port in Mexican currency.

CARBOLIC ACID SCARCE IN LONDON

Salicylates, Cloves and Oil of Cloves Higher—Quotations Firmer on Caustic Potash, Hexamine and Oil of Bergamot—Japanese Mint Oil and Acetone Lower

(Special Cable to DRUG & CHEMICAL MARKETS)

London, Feb. 28.—Trading in chemicals and drugs is slack this week. The feature of the market is carboic acid, which is advancing owing to scarcity on spot. Higher prices are announced on cloves and oil of cloves and the salicylates.

Quotations are firmer on caustic potash, hexamine and oil of bergamot.

Japanese mint oil and acetone are lower.

MAY AID MEXICAN SOAP MAKERS

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Vera Cruz, Mexico, Feb. 14.—The Mexican Government is considering a plan to protect the Mexican soap manufacturers by lowering the duties on raw materials. The duty on soap will remain the same for the present, twelve centavos per kilo (6 cents American currency for 2.2 pounds).

Soap importers are protesting against the higher duty being placed on imported soap. They have shown the Treasury Department that a higher duty will deprive the Government of a large amount of revenue which it is now getting from imported American, English and Spanish soap coming into Mexico.

The French Chamber of Deputies adopted by a vote of 550 to 6 a bill providing for a seventy-five year lease of the potash mines in Alsace, taken over by the French in 1919, to a limited liability company, with headquarters at Mulhouse. Shares of the company are to be offered for subscription, 50 per cent to agricultural associations and the remainder to departments, communes, chambers of commerce, war sufferers of Alsace-Lorraine, manufacturers using potash, and the personnel of the company. It is estimated the Alsace mines produce a quarter of a million tons annually. France's consumption in 1922 was 40,000 tons.

Dr. Paul Wagner, Darmstadt, Germany, for fifty years director of the Experiment station located in that city, will be entertained by his friends and pupils on the occasion of his eightieth birthday, March 7. Dr. Wagner has conducted countless fertilizer experiments in the field during his half century of research, which have been of inestimable practical value.

Paraguay has reorganized its tariff system and new consular regulations have been adopted. A new consular invoice, similar to that used in this country, which cannot be altered as to size or form, has been sanctioned by the Government.

All commodities imported into Norway, excepting alcohol, coffee and sugar, and those affected by treaties, will hereafter be dutiable at rates twenty per cent higher than existing schedules, according to a recent official ruling.

The olive crop of the Seville district for 1922 is unofficially estimated to yield 3,280,000 gallons, as compared with 5,600,000 gallons in 1921 and 9,600,000 gallons in 1920.

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NEW YORK CITY

Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: **Chemicals**, including heavy and technical chemicals, fine and medicinal chemicals, aromatic chemicals and isolates, crudes and intermediates from coal-tar, various fine alkaloids, and miscellaneous products; **Crude Drugs**, **Essential Oils**, including oleoresins; **Fatty Oils**, including Animal, Vegetable and Fish Oils, Greases, Fats, and Tallow; **Tanning and Dye Extracts**, including miscellaneous natural tanning woods, extracts, etc. All groups are arranged in straight alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stock of any chemical product are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available, and indicated as such. Chemical prices quoted

herein are for goods spot New York or Metropolitan District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic-made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20 American Gallons
1 American Gallon	— .833 Imperial Gallon
1 American Gallon	—3.79 Liters
1 Liter	— .264 American Gallon
1 American Gallon (Water)	—8.35 Pounds
1 Pound (Avoirdupois)	— .454 Kilograms
1 Kilogram	—2.20 Pounds

Style and Arrangement Copyright by DRUG & CHEMICAL MARKETS, 1922

Chemicals

ACETANILID, tech. 150 lb bbls. . . . .	.27	.33
100 lb keg. . . . .	.28	.33
USP 200 lb bbls. . . . .	.33	.38
Second Hands . . . . .	.34	.35
Acetic Anhydride, 85% 450 lb drs. . . . .	.38	
85%, 107 lb. chys. . . . .	.38	
92-95% 100 lb chys. . . . .	.41	
Acetone, CP 700 lb drs. c/l wks. . . . .	.21	
700 lb drs. l/l wks. . . . .	.21 1/4	
350 lb drs. l/l wks. . . . .	.21 1/4	
Second Hands, spot. . . . .	.25	
Acetone Oils, light, bbls. . . . .	.90	.93
Heavy, bbls. . . . .	.90	.93
Acetophenone, CP 1 lb bot.	4.00	4.25
Acetophenetidin, 150 lb bbls.	1.85	1.95
Acetyl Chloride, 100 lb chys. . . . .	.35	.36
ACID, 1, 2, 4, 250 lb bbls. . . . .	.80	
Acetic, 28%, 400 lb bbls. c/l wks.	3.17 1/4	
28%, l/l wks.	3.42 1/4	
56%, c/l wks. . . . .	.635	
56%, l/l wks. . . . .	.640	
70%, bbls, c/l wks.	7.94	
70%, l/l wks.	8.19	
80% coml. bbls. c/l wks. 100 lb	9.03	
80% coml. l/l wks.	9.33	
80% pure bbls. c/l wks. 100 lb	10.30	
80% pure l/l wks.	10.55	10.85
Glacial, bbls. c/l wks.	12.05	
Glacial, l/l wks.	12.30	
Glacial, USP chys wks.	12.80	
Acetylaldehyde, 250 lb bbls.	1.05	
Second Hands . . . . .	.88	.95
Anthranilic, ton lots drs.	1.10	
95-98%, 100 lb drs.	1.15	
98-100%, 100 lb drs.	1.30	
Benzole, tech. 100 lb bbls. . . . .	.65	
Tech. ton lots bbls. . . . .	.60	
USP, 100 lb bbls. . . . .	.72	.77
Boric, crys. powd. 250 lb bbls.	11 1/4	.12
Kegs, 100 lb . . . . .	.12	.13 1/4
Breunner's, 250 lb bbls.	1.55	
Butyric, 60% pure 5 lb bot. . . . .	.60	.60
Camphoric, USP VIII 1 lb bot.	5.50	5.60
Carbolic, USP crys. see also Phenol		
250 lb drums . . . . .	.35	.45
110 lb tins . . . . .	.37	
25 lb tins . . . . .	.39	
5 lb tins or bot. . . . .	.41	.42
1 lb bot. . . . .	.46	
Liquid, USP 1 lb bot. . . . .	.45	

ACID, Carbolic—(Continued)		
Crude, 25% 50 gal bbls. . . . .	.31	.32
10%, 50 gal bbls. . . . .	.25	.26
Chloroacetic, mono 100 lb bbls. wks. . . . .	.30	
Di, 150 lb chys wks.	1.00	
Tri, 425 lb bbls. wks.	2.45	
Chlorosulfonic, 1500 lb drs. . . . .	.15	.16
Chromic, USP 200 lb drums. . . . .	.40	
85% Pure, 200 lb drums. . . . .	.35	
Chromotropic, 300 lb bbls.	1.25	
Chrysophanic, see Chrysarobin		
Cinnamic, 5 lb cans.	2.75	3.00
CITRIC, USP crys 230 lb bbls. . . . .	.49	
Powd., USP 200 lb bbls. . . . .	.50	
Imported, cryst. 112 lb kegs. . . . .	.48 1/4	
Single kegs . . . . .	.49 1/4	
Cleves, 250 lb bbls. . . . .	.85	10.50
Cresylic, 95% dark dr. resale. gal . . . . .	.16	.18
97-99% straw, drs. wks. . . . .	.16	.18
97-99% com., drs. Imp. gal. 1.50	1.50	1.60
97-99% decolor. drs. wks. gal . . . . .	.15	
Diethylbarbituric, 10 lb lots, 1 lb bot.	8.50	10.50
Formic, 75% tech. 100 lb chys. . . . .	.16	.18
90%, 75 lb chys. incl. . . . .	.16	.18
Gallic, USP 150 lb bbls. . . . .	.70	.75
Gamma, 225 lb bbls. wks.	1.80	
Bbls., ton lots wks.	1.70	
Glycerophosphoric, 25% 1 lb b.	1.65	1.70
II, 225 lb bbls. single. . . . .	.85	
Bbls. ton lots wks. . . . .	.80	
Hydrodic, 10% USP 5 lb bot. . . . .	.65	.70
Hydrobromic, 48% coml. 155 lb chys. wks. . . . .	.35	.40
48% coml. 10 chys. wks. . . . .	.40	
40% USP 155 lb chys. wks. . . . .	.45	.46
10%, USP 100 lb chys. wks. . . . .	.11	.13
Hydrochloric, see also Acid Muriatic		
CP, USP, 110 lb chys. . . . .	.08	.09
HYDROFLUORIC, 30% 400 lb bbls. . . . .	.07	
wks. . . . .	.06	
30% bbls. c/l wks. . . . .	.07	
30% 100 lb chys. wks. . . . .	.11	
48% single 100 lb chys. wks. . . . .	.10	
48% 10 chys. wks. . . . .	.12	
52% 100 lb chys. wks. . . . .	.12	
52% 10 chys. wks. . . . .	.11	

Acid, hydrofluoric—(continued)		
60% 100 lb chys. wks. . . . .	.14	
60% 300 lb chys. wks. . . . .	.12	
White Acid, 100 lb chys. wks. . . . .	.39	
White Acid, 10 chys. wks. . . . .	.35	
Hydrofluosilicic, 35% 450 lb bbls. . . . .	.10	.13
Hypophosphorous, USP 30% 5 gal. demis. . . . .	.95	
USP, 10% 5 gal. demis. . . . .	.85	
LACTIC, 22% dark 500 lb bbls. . . . .	.04 1/4	.05
22% light, bbls. . . . .	.05 1/4	.06
44% dark, bbls. . . . .	.09 1/4	.10
44% light, bbls. . . . .	.10 1/4	.12
68% bbls. . . . .	.16	
USP IX 100 lb chys. . . . .	.60	.70
USP VIII 100 lb chys. . . . .	.55	
Laurent's, 250 lb bbls. . . . .	.80	.85
Metanilic, 250 lb bbls.	1.00	
Mixed, sulfuric-nitric		
Drums, wks. . . . .	.07 1/4	.08
Drums, c/l wks. . . . .	.01	.01 1/4
Tank cars, wks. . . . .	.07 1/4	.08
Tank cars, c/l wks. . . . .	.009	.01
Molybdic, 85% pure 1 lb bot.	1.75	1.85
85% pure, 100 lb kegs.	1.80	
Monosulfonic F, Delta, 50 lb tins	2.80	
MURIATIC, 20% chys. l/l wks.	1.25	1.50
Chys. c/l wks.	1.10	1.50
Tank cars, wks.	1.00	1.10
18%, 120 lb chys.	1.00	1.10
c/l wks. . . . .	.90	1.00
Tank cars, wks.	1.00	1.10
22%, 120 lb chys.	1.75	2.00
c/l wks.	1.35	
Iron, free, 20% chys.	1.35	
c/l wks.	30.00	35.00
Tank cars, wks.		
Muriatic, CP & USP, see Acid Hydrochloric		
Naphthionic, tech, 250 lb bbls. . . . .	.60	.62
Redded, single bbls. . . . .	.65	
Neville & Winther's, 250 lb bbls.	1.15	1.20

Chemicals

ACID, NITRIC, 36° 135D			Acid Sulfuric			ALCOHOL—(continued)		
chy. wks. ....100D	4.75	: 5.00	Tank cars, wks. ....net ton	9.00	: 11.00	Butyl, 50 gal. drums. ....D	.20	: .23
Chys. c/l wks. ....100D	4.50	: 4.75	C. P. 175D chys. ....100D	.08	: .09	Cinnamic, liquid, 1D bot. ....D	10.00	: 12.00
38° single chys. wks. ....100D	5.50	: 5.75	Oleum, 20 p.c. 1500D drums,			Crystallizable ....D	12.00	: 15.00
Chys., c/l wks. ....100D	5.25	: 5.50	le/l wks. ....100D	1.25	: 1.50	Isobutyl, crude 50 gal. drums. gal	...	: 4.40
42° Single chys. wks. ....100D	6.00	: 6.50	Drums, c/l wks. ....100D	1.10	: 1.25	Refined, 10D can. ....D	...	: .75
Chys., c/l wks. ....100D	5.75	: 6.00	Tank Cars, wks. ....net ton	17.00	: 18.00	Isopropyl, crude 50 gal. drs. gal	...	: 2.25
44° Single chys. wks. ....100D	6.75	: 7.50	Contract cars, wks. ....ton	17.00	: 18.00	Refined, 50 gal. drs. ....gal	4.00	: 4.50
Chys. c/l wks. ....100D	6.50	: 7.00	Oleum, 40° drs le/l wks. net ton	...	: 35.00	Ref'd, 91%, drs. ....gal	...	: 3.50
C. P. chys. single wks. ....100D	...	: 13.00	Oleum, 60° drs, le/l wks net	...	: 65.00	Methyl, see Alcohol, Wood		
Oxalic, 325D bbls. wks. ....D	.12½	: .13½	Sulfurous, USP 6% 100D chys. D	.05	: .06	Phenylethyl, see Phenylethylalcohol		
Bbls., NY ....D	.13	: .13½	4% 100D chys. ....D	.04	: .05	Propyl, nml. erd 50 gal. drms. gal	...	: 4.40
Imp., 560D cks. ....D	.13	: .13½	USP, 5 gal. dems. ....D	.06	: .08	Refined, 10D can. ....D	...	: .75
Phenylacetic, 1D bot. ....D	2.50	: 3.00	Tannic, tech. 300D bbls. ....D	.40	: .50	Denatured		
Phosphoric, 50% tech. 100D			USP, powd. 300D bbls. ....D	.70	: .75	No. 1 Complete Denat. 188 Proof		
chy. ....D	.08	: .09	USP, fluff, 50D bbls. ....D	.75	: .80	50 gal. bbls. incl. ....gal	.41	: .43
USP, 85% syrupy, 70D			Tartaric USP cryst 300D bbls. D	...	: .32	50 gal. drums, extra. ....gal	.35	: .37
demis. ....D	...	: .18	USP, powd. 300D bbls. D	...	: .32	No. 1 Special Denat. 190 Proof		
Phthalic, see Phthalic Anhydride			Imp. USP, 240D bbls. ....D	.30½	: .31	50 gal. bbls. incl. ....gal	.39	: .41
Picramic, 300D bbls. ....D	...	: .65	Powd. 240D bbls. ....D	.30½	: .31	50 gal. drums, extra. ....gal	.33	: .35
Picric, 450D bbls. ....D	...	: .30	Tablas, 250D bbls. ....D	1.30	: 1.40	No. 5 Complete Denat. 188 Proof		
Bbls. car lots wks. ....D	...	: .20	Tungstic, 100D kgs. ....D	...	: 1.00	50 gal. bbls. incl. ....gal	.38	: .40
Pyrogallic, crys. 5D cans. ....D	1.20					50 gal. drums, extra. ....gal	.32	: .34
Resublimed, 5D cans. ....D	1.55	: 1.60				No. 6 Complete Denat. 188 Proof		
Tech. powd. 300D bbls. ....D	...	: .80				50 gal. bbls. incl. ....gal	.38	: .41
Sallylic, tech. 125D bbls. ....D	...	: .42				50 gal. drums, extra. ....gal	.32	: .34
USP, 100D bbls. ....D	...	: .45						
Second Hands ....D	.38	: .40						
Sulfanilic, 250D bbls. ....D	.17	: .20						
SULFURIC, 66° 180D chys.			ALCOHOL			In addition to the regular authorized formulae for completely denatured alcohol, some 75 formulae for specially denatured alcohol are authorized for special use. Owing to the limitations of their use however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue. For prices on specially denatured alcohols not listed above, consult any of the alcohol producers.		
le/l wks. ....100D	1.25	: 1.50	ALCOHOL, USP 190 pt. 50 gal. bbls. ....gal	...	: 4.70			
Chys., c/l wks. ....100D	1.00	: 1.25	Second Hands, bbls. USP 190 pt. ....gal	...	: 4.60			
1500D Drums, le/l			Export, USP 190 pt. ....gal	.37	: .45			
wks. ....100D	...	: 1.10	Cologne Spirit, 50 gal. bbls. gal	...	: 4.75			
Drums, c/l wks. ....100D	...	: 1.00						
Tank cars, wks.net ton	14.00	: 15.00						
60° 1500D Drums,								
le/l wks.100D	.70	: .80						
Drums, c/l wks.100D	.60	: .80						

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Chemicals

Alolin, USP 100 lb cases.....	D	.85	: .90
Alpha-Naphthol, tech. 300 lb bbls.	D	...	: .65
Refined, 300 lb bbls.....	D	...	: .75
Alpha-Naphthylamine, 350 lb bbls.	D	...	: .29
Ton lots, bbls. wks.....	D	...	: .28
ALUM, Ammonia, lump 400 lb bbls.			
wks.....	100 lb	3.50	: 3.65
Imp., 500 lb casks.....	100 lb	3.25	: 3.50
Ground, 400 lb bbls. wks.....	100 lb	3.65	: 3.75
Powd., 380 lb bbls. wks.....	100 lb	3.90	: 4.00
Chrome, 500 lb cks wks.....	100 lb	5.00	: 6.00
Potash, lump 400 lb bbls.			
wks.....	100 lb	...	: 4.50
Bbls. c/l wks.....	100 lb	...	: 4.25
Cont. bbls. c/l wks.....	100 lb	...	: 4.25
Imp. 650 lb cases s.p.....	100 lb	3.00	: 3.25
Ground, 400 lb bbls. wks.....	100 lb	4.35	: 4.60
Imp. 650 lb casks.....	100 lb	3.00	: 3.25
Powd., 380 lb bbls. wks.....	100 lb	4.50	: 4.75
Chrome, 700 lb cks wks.....	100 lb	5.50	: 6.00
Soda, grd. 400 lb bbls. wks.....	100 lb	...	: 4.00
Bbls. c/l wks.....	100 lb	...	: 3.50
Aluminum, metal, c/l NY.....	100 lb	23.00	: 24.00
Chloride, anhyd. 275 lb drs.....	D	.20	: .22
30% sol. 120 lb clys.....	D	.03 1/2	: .04
Hydrate, 96% light 90 lb bbls.....	D	.18 1/2	: .20
SULFATE, Iron-free bags c/l			
wks.....	100 lb	2.50	: 2.65
Imported, spot.....	100 lb	2.50	: 2.60
Comm'l., 1/2% iron, bgs. c/l			
wks.....	East 100 lb	1.45	: 1.50

ALUMINUM SULFATE—(Continued)

Cont. bgs. c/l wks. E. 100 lb	...	: 1.40
Bags, c/l wks. W. 100 lb	...	: 1.35
Bbls., c/l wks. East. 100 lb	...	: 1.60
Bulk, c/l cont. wks. E. 100 lb	...	: 1.35
Amidol, (see Diaminophenol)		
Amidopyrine, 10 lb boxes.....	D	4.50 : 5.00
1 lb cartons, 10 lb.....	D	5.00
Aminoazobenzene, 110 lb kgs.....	D	1.15
AMMONIA anhyd. 100 lb cpl.....	D	.30
Water, 26° 800 lb drs. wks.....	D	.07 1/2
Drs. c/l wks.....	D	.07
Imp., 800 lb drs incl spot.....	D	.06
26°, 100 lb clys. lc/l wks.....	D	.09 1/2
Clys., c/l wks.....	D	.09 1/2
20°, 800 lb drs. lc/l wks.....	D	.08
Clys., lc/l wks.....	D	.07 1/2
18°, 800 lb drs. lc/l wks.....	D	.05 1/2
Clys., lc/l wks.....	D	.07 1/2
16°, 800 lb drs. lc/l wks.....	D	.04
Clys., lc/l wks.....	D	.05
Ammonium Acetate, 100 lb kgs.....	D	.35 : .36
Benzoate, USP 1 lb bot.....	D	.85 : .90
Bifluoride, 300 lb bbls.....	D	.23 : .23
100 lb kgs.....	D	.23 : .24
Bromide, 50 lb boxes.....	D	.33
Imported, 112 lb boxes.....	D	.16 : .17
Carb., tech. 560 lb casks.....	D	.09 1/2
Powd., tech. 385 lb bbls.....	D	.09
USP, lump, 100 lb kgs.....	D	.09 1/2
Powd., 100 lb kgs.....	D	.08 1/2
Chloride, Domestic		
White gran. 250 lb bbls. NY.....	D	.08
Bbls., c/l wks.....	D	.07 1/2
Gray 250 lb bbls. wks.....	D	.08 1/2
Bbls., c/l wks.....	D	.08 : .08 1/2

AMMONIUM CHLORIDE—(Continued)

Imp., wh. 600 lb casks spot.....	D	.06 1/2 : .07
Gray, 600 lb casks spot.....	D	.07 1/2 : .08 1/2
Lump, 500 lb casks spot.....	D	...
Ichthyolate, as to brand.....	D	.75 : 4.00
Iodide, USP 25 lb jars.....	D	...
Lactate, 500 lb bbls.....	D	.15 : .16
Nitrate, tech. crys. 225 lb bbls.....	D	.13 1/2
CP gran, 100 lb kgs.....	D	.20 : .21
Oxalate, pure, 100 lb kgs.....	D	.50 : .57
Persulfate, 112 lb cases.....	D	.55 : .60
Phosphate, dibasic 200 lb bbls.....	D	.54 : .60
Tech., powd. 325 lb bbls.....	D	.15 : .17
Salicylate, USP 100 lb kgs.....	D	.68 : .70
Sulfate, bulk c/l wks.....	100 lb	3.30
200 lb single bgs c/l wks.....	100 lb	3.40
200 lb double bags f.a.s.....	100 lb	3.75
Sulfocyanide, tech. 100 lb kgs.....	D	.50
CP, 25 lb jars.....	D	.60 : .65
Amyl Acetate, tech. 50 gal. drs. gal		2.75 : 3.00
Pure, 5 gal. cans.....	gal	6.00 : 7.00
Alcohol, see Fusel Oil		
Butyrate, 1 lb bot.....	D	2.00 : 2.10
Formate, 1 lb bot.....	D	1.75 : 2.00
Salicylate, 100 lb clys.....	D	1.30 : 1.50
Anethol, 2 lb bot.....	D	1.60 : 2.00
ANILINE OIL, 900 lb drs. 5 drs. lb		...
Aniline Salt, 200 lb bbls.....	D	.24 : .25
Anisic Aldehyde, 1 lb bot.....	D	4.00 : 4.50
Anthracene, 40-45% 400 lb casks		
wks.....	D	.12 : .17
80-85%, 600 lb casks wks.....	D	.75 : 1.00
Anthraquinone, subl 125 lb bbls.....	D	1.30 : 1.35
30% paste 350 lb bbls.....	D	.75 : .80
Antimony metal, slabs ton lots.....	100 lb	7.25 : 7.50
Needle Powd., 100 lb cases.....	D	.06 : .06 1/2

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Atropine and Salts
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Brucine and Salts
Caffeine and Salts
Cocaine and Salts
Codeine and Salts
Colchicine Alkaloid, U. S. P.
Colchicine Salicylate
Creosote, U. S. P.
Creosote Carbonate
Cumarin
Diacetylmorphine
Alkaloid and Hydrochloride
Digitalin Pure
Duboisine Sulphate
Emetine and Salts
Eserine and Salts
Guaiacal Liquid

We are the headquarters for
SANTONIN
Crystals - U.S.P. - Powder

Guaiaco Carbonate
Homatropine and Salts
Hydrastine and Salts
Hydrastinine Hydrochloride
Hyoscyne Hydrobromide
Hyoscyamine and Salts
Morphine and Salts
Phenolphthalein
Pilocarpine and Salts
Potassium Guaiacal
Sulphonate "Alta" Brand
Salicin
Saponin Purified
Scarlet Red Medicinal
Genuine "Biebrich"
Silver Proteinates
Sodium Cacodylate
Sparteine Sulphate
Strophanthin
Strychnine and Salts
Theobromine and Salts
Veratrine and Salts
Yohimbin Hydrochloride

THE HOFFMANN-LA ROCHE CHEMICAL WORKS NEW YORK

Chemicals

ANTIMONY CHLORIDE, anhyd 1000b

dra.	b	.35
50 lb crocks.	b	.45
Sol'n. 130 lb carbonyl.	b	.12
Oxide, 500 lb bbls.	b	.06 1/2
Salt, dom. 500 lb bbls.	b	.34
Imp., NY.	b	.22
Sulphide, golden 500 lb bbls.	b	.19
336 lb kegs.	b	.17
Crimson, 500 lb bbls.	b	.38
336 lb kegs.	b	.36
Red, 500 lb bbls.	b	.43
336 lb kegs.	b	.40
Tartroacetate, 500 lb bbls.	b	.45
Antigryne, USP, 100 lb cases.	b	2.50
Apomorphine Hydrochloride, 1/4 oz. vial.	b	16.65
Arecoline Hydrate, 1 oz. vial.	b	8.00
Argols, red powd. 350 lb bbls.	b	.07
Arsenic, metal 220 lb kegs.	b	.23
Red, 224 lb kegs cases.	b	.14 1/2
White, 550 lb bbls. c/l NY.	b	.15 1/2
Aspirin, see Acid Acetylsalicylic		
Atropine Alk. USP 1 oz vial.	b	10.50
Sulfate, 5 oz. in 1 oz vials.	b	3.00
Single ounce.	b	3.10

BARIUM BINOXIDE, see Barium chloride

Carbonate, precip. 800 lb bbls.		
Wks.	ton	75.00
Imports, bbls. spot.	ton	70.00
Presip., 200 lb bbs. wks.	ton	70.00
Chloride, 800 lb bbls. wks.	ton	90.00
200 lb bbs. wks.	ton	90.00
Imports, bbls. spot.	ton	90.00
Dioxide, 88% 780 lb drs.	b	.17
Imports, 83-85% 500 lb drs.	b	.14
Hydrate, 500 lb bbls.	b	.05 1/4
Iodide, 5 lb box.	b	5.15
Nitrate, 700 lb casks.	b	.09 1/2
Imports, casks.	b	.07 1/2
Sulfocyanide 400 lb bbls.	b	.35
Barytes, coated 350 lb bbls.	ton	33.50

Bay Rum, Porto Rican, genuine

Denat. salicy acid or tartar emetic		
45 gal. bbls.	gal	3.10
Denat. quinine sulf. 45 gal.		
bbls.	gal	3.40
Domestic synthetic, 50 gal.		
bbls.	gal	1.25
Benzaldehyde, tech. 945 lb dra.		
wks.	b	.65
USP, 25 lb cans.	b	1.40
FFC, 25 lb cans.	b	1.70

BENZENE, 90% 8000 gal. tanks

Wks.	gal	.37
110 gal. dra. wks.	gal	.32
CP Tanks, wks.	gal	.30
110 gal. dra. wks.	gal	.35
Benzidine Base, dry 250 lb bbls.	b	.84
10 bbl. lots.	b	.82
Benzidine Sulfate, paste 350 lb		
bbls.	b	.70

Benzol, see Benzene

Benzonaphthol, 5 lb boxes.	b	2.00
Benzoyl Chloride, 500 lb drs.	b	1.00
Benzyl Acetate, 100 lb chys.	b	1.25
Alcohol, 5 lb bot.	b	1.25
Benzoate, 5 lb bot.	b	1.90
Medicinal FFC.	b	2.10
Chloride, 95% tech. 925 lb drs.	b	.20
100 lb chys.	b	.35
Redistil. 100 lb chys.	b	.35
Formate, 1 lb bot.	b	2.50
Berberine Hydrochloride, 1 lb bot.	b	22.00
Sulfate, acid or neut. 1 lb bot.	b	22.00
BETA-NAPHTHOL, 350 lb bbls. wks.	b	.26
Ton lots, wks.	b	.23
Sublimed.	b	.55

Beta-Naphthylamine, tech. 200 lb.

bbls.	b	.95
Sublimed, 200 lb bbls.	b	1.50
Bichloride Mercury, see Mercury Bichloride		
BISMUTH metal, 150 lb cases.	b	2.75
Second Hands.	b	2.60
Ammon. Citrate, USP 5 lb bxs.	b	5.60
Betansaphtholate, 5 lb bxs.	b	3.20
Citrate, USP 5 lb bxs.	b	3.00
Nitrate, 25 lb jars.	b	1.85
Oxychloride, 250 bbls.	b	3.35
Phenolsulfonate, 5 lb cans.	b	3.05
Salicylate, 250 bbls.	b	1.95
Subcarbonate, USP, 250 bbls.	b	3.25
Subcarbonate, USP 250 bbls.	b	3.25
X-Ray diag. 1 lb bot.	b	3.60
Subgallate, USP 175 bbls.	b	2.65
Subiodide, 5 lb lots.	b	4.55
Subnitrate, USP, 250 bbls.	b	2.75
Second Hands, bbls. or less.	b	2.55
Cones, 1 lb bot.	b	3.75
Subsalicylate, USP, 175 bbls.	b	3.05
Tannate 1 lb bot.	b	2.58
Bismuth Preparations quoted above on basis 35 lb lots. Smaller lots at an advance.		
Blanc Fixe, dry 400 lb bbls. wks.	ton	80.00
Imports, bbls.	ton	...
Paste, 650 lb bbls.	ton	40.00
BLEACHING POWDER, 700 lb drs.		
c/l wks.	100 lb	2.15
Drums 1c/l ex-warehouse.	100 lb	2.25
Contract, c/l wks.	100 lb	2.90
F. & S. c/l.	100 lb	...
Imports, spot.	100 lb	2.15
Blue Ointment, see Mercury		
Mass, see Mercury		
Bone Ash, 100 lb kegs.	b	.08
Black, 200 lb bbls.	b	.08

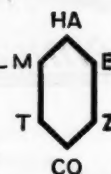
BETA NAPHTHOL

Dyestuffs and Intermediates
Manufactured by

CONSOLIDATED COLOR & CHEMICAL CO.
CENTRAL DYESTUFF & CHEMICAL CO.
WILLIAMSBURG CHEMICAL CO.

and other American manufacturers, distributed by

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Reg. U. S. Pat. Off.

Chemicals

Borax, USP, cryst. 400 lb bbls...lb	.05 1/2	.05 1/2
Powdered, U.S.P. 300 lb bbls...lb	.05 1/2	.05 1/2
Kegs, USP, 100-150 lb...lb	.05 1/2	.06
Bordeaux Mixture, powd. bbls...lb	.13	.16
Paste, bbls...lb	.08	.10
Borneol, 1 lb bot...lb		3.50
Bromide, see potass. bromide, etc.		
Bromine, bot. in 60 lb cs. wks...lb		.39
Bromobenzene, 600 lb drums...lb	.40	.42
Bromofarm, USP 5 lb bot 50 lb cs...lb		1.30
Bromistrol, 25 lb kegs...lb	4.00	4.25
Bruceine Sulfate, 100 ozs...oz		.20
Butter of Antimony, see Antimony Chloride		
CADMIUM, metal 100 lb bxs...lb	1.15	1.25
Bromide, 50 lb cases jars...lb		1.10
Iodide, 10 lb bot...lb		4.45
Sulfide, cs...lb	1.50	1.60
CAFFEINE ALK. USP 5 lb cans...lb	3.75	4.25
Second Hands...lb		3.75
Hydrochloride, 1 lb bot...lb	7.12	7.32
Sulfate, 1 lb bot...lb		5.50
Citrated, 25 lb cans...lb	3.00	3.25
Hydrobromide, 1 lb bot...lb		4.75
CALCIUM Acetate, 150 lb bgs, c/l wks...lb		3.50
Arsenate, 100 lb bbls, c/l wks...lb	.18	.19
Bbls, 1c/l wks...lb	.18	.20
Bromide, 100 lb cs...lb		.45
Calcium Carbide, 220 lb dr c/l wks...lb		.04 1/2
Drums 1c/l wks...lb		.08
Carbonate, tech. 100 lb bags c/l...lb	1.00	1.10
USP, precip. 175 lb bbls...lb		.04
Chloride, solid, 650 lb drs, c/l f o b NY...ton		24.50
Gran., 350 lb drs, c/l f o b NY...ton		30.50

CALCIUM CHLORIDE—(Continued)

Flake 330 lb drs, c/l drs, fob NY...ton		30.50
Imp., solid 600 lb drs, spot, ton...ton		30.50
Anhyd., 350 lb drs, fob NY...lb	.12	.13
Glycerophosphate, 250 lb bbls...lb	1.55	1.60
Hydrate, (see Lime)		
Iodide, 5 lb bot...lb		4.35
Lactate, tech. 500 lb bbls...lb		.13 1/2
Nitrate, 220 lb bbls, c/l NY...ton		40.00
Phosphate, precip. 350 lb bbls...lb	.10	.12
Phosphate, precip. tribasic 350 lb bbls...lb	.12	.13
Phosphate, mono...lb	.06 1/2	.07 1/2
Sulfocarbonate, 100 lb kegs...lb	.58	.60
Calomel, see Mercury		
CAMPHOR, Amer. ref. 250 lb bbls...lb		.90
2 1/2 lb slabs, 100 lb cs...lb		.97
1 lb cakes, 100 lb cs...lb		.97 1/2
1 oz. tab., 1 lb ctns...lb		1.01 1/2
100 lb cs...lb		1.02
1/2 oz. tab., 1 lb ctns...lb		1.02
100 lb cs...lb	.91	.93
Jap. ref. 2 1/2 lb slabs, 100 lb cs...lb		1.00
1 oz. tab., 100 lb cs, 1 lb tins...lb		1.00
1/2 oz. tab., 100 lb cs, 1 lb tins...lb		1.02
Chinese ref. 2 1/2 lb slabs 100 lb cs...lb		.90
Crude, 100 lb cs...lb	.72	.73
Campbor, Monobrom. 100 lb cs...lb	1.90	1.95
Caramel, 50 gal. bbls...gal	.57 1/2	.62
Carbazol, 250 lb bbls...lb	.75	.80
Carbon Bisulfide, 500 lb drs, c/l/INY...lb		.06 1/2
c/l drums, NY...lb		.05 1/2
Carbon Black, 12 1/2 lb bags, 150-225 lb cases...lb	.18	.35

Carbon Tetrachloride, 1400 lb drs, NY...lb		.10 1/2
Drums, c/l NY...lb	.09	.09 1/2
700 lb drs, single NY...lb		.10 1/2
Carmin, No 40 5 lb boxes...lb	4.50	4.60
Casein, edib. 100 lb keg...lb	.45	.50
Technical, 200 lb bbls...lb	.28	.30
Castor oil, 1 lb bot...lb	4.00	4.50
Castor Oil, USP 50 gal. bbl...lb		.13
Cases, 80 lb 2 tins...lb		.14
Tech., see Fixed Oils		
Caustic Potash, see potash, caustic		
Soda, see soda, caustic		
Cerium Oxalate, USP 100 lb kgs...lb	.48	.53
Chalk, drop 175 lb bbls...lb		.03 1/2
Precip. light 175 lb bbls...lb	.04 1/2	.04 1/2
Precip. heavy 560 lb cs...lb	.03 1/2	.04
Bulk...ton	5.00	8.00
Precip. English, 7 lb bags...lb	.08 1/2	.08 1/2
Charcoal, Bone, see bone black		
Wood, powd. 100 lb bbl...lb	.04	.05
Willow, powd. 100 lb bbl...lb	.08	.07
China Clay, imp...ton	16.00	22.50
Domestic, fob Mine...ton	15.00	17.50
Chloral Hydrate, USP 100 lb drs...lb	.75	.80
25 lb jars...lb	.75	.81
Chinoidin, 170 lb cases...lb	.65	.75
Chloramine-T, 5 lb bot...lb	1.25	2.50
Chloroform, 5 lb bot...lb	.35	.75
Chlorhydrin, Ethylene anhyd., 600 lb drs...lb	.75	.85
40% soln. 100 lb chys...lb	.25	.30
CHLORINE, Liquid 3000 lb cyl c/l wks...lb	.05 1/2	.05 1/2
Tank car lots wks...lb	.05 1/2	.05 1/2
100 lb cyl. c/l...lb		.06
100 lb cyl 1c/l wks...lb	.06 1/2	.07
Chlorobenzene, mono. 1000 lb drs, wks...lb	.10	.11
Dr. c/l wks...lb		.09
Tank car lots wks...lb		.08
CHLOROFORM, USP 50 lb drs...lb		.35
Second Hands, 650 lb drs...lb	.32	.34
Technical, 650 lb drums...lb	.33	.35



ACETIC ANHYDRIDE

92-95%

(Free of Phosphorus, Chlorine and Sulphur)

ACID PHOSPHORIC 50%

S. P. G. 1.400

Meets Food and Drug Law Requirements

PHOSPHORUS OXYCHLORIDE

CARBON DISULPHIDE

CARBON TETRACHLORIDE

SODIUM PHOSPHATE

Monobasic — Dibasic — Tribasic

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Liquid Chlorine

The many advantages in the use of Liquid Chlorine include these efficient and economic elements—

It is chemically pure

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It is easy to control

It entails no waste or loss

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PIONEER MANUFACTURERS OF LIQUID CHLORINE

Plant NIAUAKA FALLS, N. Y.

Main of 18 E 41st St. New York. Chicago 11 So. La Salle St.

Chemicals

Chromium Acetate, 20° soln. 400 lb bbls. ....	.08	: .10	COD LIVER OIL, Norwegian, 30 gal. bbls.	21.75	: 23.00	Cyanamide, bulk c/l wks. Amm. unit ...	: 3.35
Fluoride, Powd. 400 lb bbls.		: .50	Newfoundland, 30 gal. bbls. bbl ...		: ...	DIAMINOPHENOL, 100 lb kegs.	: 3.75
Soln. 400 lb bbls.		: .07	Colchicine alk., USP 1 oz. vial.		: 30.00	Dianisidine, 100 lb kegs.	: 4.50
Sulfate, 400 lb bbls. ....	.07	: .09	Salicylate, 1 oz. vial.		: 45.00	Dichlorobenzene, 1000 lb drs.	: .08
Chrysarobin, USP 5 lb cans.		: 3.00	Colloidon, USP 30 lb drums. ....	.22	: .23	Diethylaniline, 850 lb drs.	: .60
Cinchonidin alk., pvd. 100 oz. tins.		: .70	Flexible, USP 30 lb drums. ....	.27	: .28	Diethyl Phthalate, 25 lb cans.	: .85
Crystal		: .75				Diethyl Sulfate tech. 50 gal. drs.	: .20
Sulfate, 100 oz. tins. ....	.49 1/4	: .50				CP drums	: .40
Cinchonine alk., pvd. 100 oz. tins.		: .35	COPPER, metal electrolytic c/l			Digitain, Pure, 1 oz. vial.	: 7.75
Crystal		: .43	NY	100 lb	: 16.75	Dimethylamine, 840 lb drs. wks.	: .42
Sulfate, 100 oz. tins.		: .25	Lake, c/l NY.	100 lb	: 16.75	Dimethylsulfate, 100 lb drs.	: .50
Cinnamic Alcohol, see Alcohol Cinnamic			Casting, c/l NY.	100 lb	: 16.37	Dinitrobenzene, 400 lb bbls.	: .19
Cinnamic Aldehyde, 1 lb bot.	3.75	: 4.00	Carbonate, 400 lb bbls.		: .19 1/2	Dinitrochlorobenzene, 400 lb bbls.	: .19
Citral, 25 lb cans.	2.80	: 3.25	Cyanide, 100 lb drs. ....	.58	: .60	Dinitronaphthalene, 350 lb bbls.	: .30
Citrine Ointment, see Mercury			Iodide, 5 lb bot.		: 5.65	Dinitrophenol, 350 lb bbls.	: .33
Citronellal, 1 lb bot.	2.00	: 2.25	Oxide, 1000 lb bbls. ton lots.		: .18	Dinitrotoluene, 300 lb bbls.	: .19
Citronellol, 1 lb bot.	6.25	: 8.00	Sub-Acetate, verd. 440 lb bbls. ....	.35	: .37	Dionin, see Morphine, Ethyl	
Cobalt metal, 100 lb kegs.	3.00	: 3.25	SULFATE, crys. 450 lb bbls. kg/l			Diphenylamine, 250 lb bbls.	: .48
Cobalt Oxide, 500 lb bbls.		: 2.10	spot	100 lb	: 6.65	Diphenyltin, 500 lb drums.	: .85
10 lb tins 200 lb cans.		: 2.35	Carlots, bbls f.o.b. NY. 100 lb		: 6.50	Dover's Powder, USP 5 lb tins.	: 2.20
COCAINE alk., USP, 1 oz. vial.		: 11.00	Imp. 550 lb cks.	100 lb	: 5.75	Duboisine Sulfate, 1 oz. vial.	: 60.00
Hydrochloride, USP—1 oz. vials, 25 ozs.		: 7.07	Powdered, 350 lb 5 bbls.		: .08 1/4	EARTH, Diatomaceous, see Kieselguhr	
In 1/4 oz. vials.		: 7.50				Emetine, alk., 15 gr. vials.	: 1.65
In crystals, granular, powder, or flaky crystals as desired.			Coppers, bulk c/l wks.	ton	: 20.00	Hydchlde, USP 1 oz. vial.	: 19.00
Cocoa Butter, bulk, 200 lb bales. ....	.30 1/4	: .32	400 lb bbls. c/l wks.	ton	: 25.00	15 gr. vials.	: .80
Fingers, cakes, etc. 12 lb bxs. ....	.36 1/4	: .37 1/4	200 lb bgs. c/l wks.	ton	: 23.00	EPSON SALT, tech. 300 lb bbls. NY	: 2.25
CODEIN alk., 5 oz. cans 10 oz lots		: 7.30	Powdered, bbls.	100 lb	: 3.45	Ebbs. c/l NY.	: 2.10
Hydrobromide, 10 ozs.		: 5.85	Corn Syrup, 42 deg. 50 gal. bbls.	100 lb	: 2.77	100 lb bgs. c/l NY.	: 1.85
Hydrochloride, 10 ozs.		: 6.55	48 deg. 50 gal. bbls.	100 lb	: 2.82	Imp., 220 lb bgs. c/l NY	: 1.10
Nitrate, 10 ozs.		: 6.55	Corrosive Sublimate, see Mercury Bichloride			USP, 300 lb bbls. 10 bbls. 100 lb	: 2.75
Phosphate, 10 ozs.		: 5.50	Cotton Soluble, 100 lb bbls. wet. ....	.40	: .42	Carlots, bbls.	: 2.50
Salicylate, 10 ozs.		: 5.50	Coumarin, 25 lb tins.	4.00	: 4.35	Imported, 300 lb bbls.	: 2.25
Sulfate, 10 ozs.		: 5.85	Second Hands	3.90	: 4.00	Ergotin, Bonjean, 1 lb jars.	: 9.50
Small Sizes, 1/4 oz. vials, 50c extra, 1/2 oz. 25c extra, singles 7c extra per oz.—25 oz. lots, 10c on. cheaper than above. Less than 10 oz. 15c on. higher than above			CREAM TARTAR, USP 300 lb bbls.		: .20 1/4	Eserine alk., 1 oz. vial.	: 30.00
			Imp. powd. USP, 224 bbls. ....	.24	: .24 1/2	Salicylate, USP 1 oz. vial.	: 20.00
			Cresote, USP, 42 lb chys. ....	.40	: .45	Sulfate, USP VIII, 1 oz. vial.	: 15.00
			Cresote Oil, 50 gal. drs. ....	.20	: .22		
			Carbonate, 1 lb bot. 25 lb	1.60	: 1.75		
			Cresol, USP, 400 lb bbls. ....	.25	: .27		

FORMALDEHYDE

MECCO

The Miner Edgar Company
 Rail and Water Facilities
 110 William Street
 New York

Chemicals

ETHER, USP 55 lb drums.....D	.13	.15	Fluorspar, 95% 220 lb bgs. ex			GLYCERIN, C. P. 550 lb drums.D	...	.18 1/2
Anaesthesia, 55 lb drums.....D	...	.16	doek.....ton	...	\$5.00	Cans, 50 lb.....D	...	.20
USP, 1880 55 lb drums.....D	...	.38	98% bgs.....ton	...	\$3.50	Dynamite, 1000 lb drs.....D	...	.18
Washed, 55 lb drums.....D	...	.30	98% bgs.....ton	...	\$5.00	Saponification, tanks.....D	...	.13
Motor, 1 lb cans.....D	.26	.27	FORMALDEHYDE, USP 400 lb bbls.			Soap, Lye, tanks.....D	...	.12
Ether, Nitrous, 1 lb bot.....D	.92	.95	c/l wks.....D	...	.16	Goa Powder, see chrysarobin		
Ethyl Benzyl Aniline, 300 lb drs.D	...	1.30	Carboys, 100 lb lc/l wks.....D	...	.16 1/2	Graphite, crude 220 lb bags.....ton	15.00	\$35.00
Ethyl Acetate, 99% 50 gal. drs.gal	.95	1.05	Bbls. 400 lb lc/l wks.....D	...	.16 1/2	Flake, 500 lb bbls.....D	.08	.10
85-90% Ester, 50 gal. drs.gal	...	.85	Second Hands.....D	...	.15 1/2	Ground, lump, bbls.....D	.04	.05
Carlots, drums.....gal	...	.82	Fuller's Earth, 200 lb bgs. c/l			Guaiacol liquid, USP 25 lb cans.D	2.50	2.60
Tank Cars.....gal	...	.70	mines.....ton	15.00	17.00	Benzoate, 1 lb bot.....D	...	18.00
Pure, 5 lb bot.....gal	3.25	3.50	Imported, 230 lb bags NY.....ton	35.00	40.00	Carbonate, 5 lb boxes.....D	4.25	4.50
Benzoate, 5 lb bot.....D	1.85	2.00	Fusel Oil, refined, 100 gal drn.gal	3.00	3.50	Imported, 5 gr. cases.....gross	5.20	5.25
Bromide 115 lb drs.....D	...	.40	Crude, 100 gal drn.....gal	...	2.00	HAARLEM OIL, Dom. 6 gr. cs.gross	...	3.50
Butyrate, 5 lb bot.....D	2.00	2.25	G. SALT, paste 350 lb bbls. basis			Imported, 5 gr. cases.....gross	5.20	5.25
Chloride, 15 lb cyl.....D	...	.35	100%.....D	.60	.65	Halaxone, 5 lb bot.....D	2.75	3.25
Cinnamate, 1 lb bot.....D	4.50	5.00	Gelatin, USP silver bbl. 100 lb cs.D	.85	.90	Hellotropin, 10 lb bot.....D	1.80	2.25
Formate, 5 lb bot.....D	1.90	1.10	Gold Label, 100 lb cases.....D	...	...	Hexamethylenetetramine, USP		
Methyl Ketone, 50 gal. drums.D	.21	.21 1/2	Technical, 100 lb cs.....D	.60	.65	100 lb drums.....D	.95	.97 1/2
Morphine, see Morphine, Ethyl			Geranol, 50 lb cans.....D	2.75	3.25	Imported.....D	.75	.80
Valerate, 5 lb bot.....D	4.50	4.75	Geranyl Acetate, 1 lb bot.....D	4.25	4.75	Rubber Makers, Impalp. Pd.	...	.95
Ethylene Bromide, 600 lb drs.....D	...	.60	GLAUBER'S SALT, tech. 200 lb bags			Homatropine Hydrobrom. USP 1 oz.		
Glycol.....D	.65	1.00	c/l wks.....100 lb	1.10	1.25	vial.....oz	...	16.00
Chlorhydrin, anhyd. 50 gal drs.D	.75	.85	350 lb bbls. c/l wks.....100 lb	1.25	1.40	Five ozs., 1 oz. vials.....oz	...	15.00
40% Solution, 50 gal. bbls.D	.25	.30	Bbls. lc/l wks.....100 lb	1.50	1.75	Hydrastine Alk., USP, 1 oz. vial.oz	...	20.00
Dichloride, 50 gal. drs.....D	.20	.25	Imported, bbls. spot.....D	1.00	1.10	Hydchlde, USP, 1 oz: vial.....oz	...	20.00
Eucalyptol, 25 lb cans.....D	.80	.85	USP, 300 lb bbls. Imp. sp. 100 lb	...	1.25	Sulfate, 1 oz. vial.....oz	...	22.00
Eugenol, 25 lb cans.....D	3.25	3.50	USP, 300 lb bbls. dem. sp. 100 lb	...	1.75	Hydrastine Hydrochlde, USP 15 gr.		
Feldspar, bulk.....ton	20.00	25.00	USP, 300 lb bbls. c/l wks. 100 lb	...	1.40	vials.....vial	...	2.40
FERRIC CHLORIDE, tech. crys.			Glucose, (Grape Sugar) dry, 100			Hydrasobenzene, 100 lb bags.....D	1.30	1.35
475 lb bbls.....D	...	.10	bags, c/l NY.....100 lb	3.09	3.19	HYDROGEN PEROXIDE, 35 vol. 400 lb		
Imported.....D	...	.07	Syrup, Drs. & bbls, c/l NY 100 lb	2.77	3.02	bbls.....D	...	.10
USP, crys. 100 lb kgs.....D	...	.10	lc/l NY.....100 lb	...	3.12	USP Soln. 375 lb bbls.....D	.05	.05 1/2
Imported.....D	...	.09	GLUE, pure white, bbls.....D	.30	.35	USP bot. 4 oz. cases.....gross	8.00	8.25
Tech. Sol'n 40° 140 lb chys.D	...	.06 1/2	Medium white, bbls.....D	.25	.30	Bot. 8 oz. cases.....gross	11.75	12.00
48° 140 lb chys.....D	...	.08	French, bbls.....D	.18	.25	Bot. 16 oz. cases.....gross	19.75	20.00
USP Sol'n 125 lb chys.....D	...	.06 1/2	High Grade, bbls.....D	.35	.40	Hydroquinone, 100 lb kgs.....D	1.05	1.20
Ferrous Chloride, crys. tech.			Rome, regular, bbls.....D	.10	.12	Hyocine Hydrobrom. USP 1 oz.		
475 lb bbls.....D	.08	.06 1/2	Fish, bbls.....gal	1.50	1.75	vial.....oz	...	21.00
Ferrous Sulfide, 1000 lb bbls. 100 lb	2.50	3.00				Five ozs., 1 oz. vials.....oz	...	20.50
Flake White, see lead, white								

Formaldehyde

Solution U.S.P.



P. A. C. BRAND

PERTH AMBOY CHEMICAL WORKS

709 SIXTH AVE., NEW YORK

Ethylamine Alk. Cryst., 1 oz. vial. os	...	35.00	LANOLIN, see Adeps Lanæ			Litharge, see lead oxide		
Alkaloid, Amorphous, 1 oz. vial. os	...	75.00	LEAD, metal, c/1 NY.....100lb	8.10	8.35	Lithium Carb. USP 100lb kgs. lb	1.50	1.60
Hydrobromide, USP 1 oz. vial. os	...	60.00	Acetate, white crystals 500lb			Bromide, 100lb cs.lb	1.70	1.80
Sulfate, 1 oz. vial.os	...	35.00	bbils. wks.lb13	Citrate, USP 100lb kgs.lb	1.60	1.70
INDOL, C. P. 1 oz. bot.os	8.50	9.00	White, broken, bbils. wks. 100lb13%	Iodide, 5lb bot.lb	...	5.40
Iodides, see Potam. Iodide, etc.			White, gran., bbils. wks. 100lb	...	12.65	Lithopone, 400lb bbils. lb/1 wks. lb	.06%	.07
IODINE, crude, 200lb kgs.lb	3.90	3.95	White, powd., bbils. wks.lb13%	Bbls. c/1 wks.lb	.06	.06%
Resublimed, 10lb jars.lb	...	4.55	Kegs, wks.lb14%	Imported, bbils.lb	.05%	.05%
Tincture, USP 50 gal. bbils. gal	4.35	4.40	Brown, broken, bbils. wks.lb13	Litmus Cubeslb	.90	1.00
Carboysgal	4.50	4.60	USP, 100lb kgs.lb16	MAGNESITE, crudeton	...	15.00
Iodoform, powd. 10lb bot.lb	...	6.00	Arsenate, 100lb bbils. lb/1 wks. lb25	Calcined, 500lb bbils.ton	...	65.00
Crystals, 10lb bot.lb	...	7.00	Bbls. c/1 wks.lb21	Magnesium mtl., sticks 100lb cs. lb	1.40	1.50
Ionone, (violet) 1lb bot.lb	5.00	9.00	Paste, 600lb bbils.lb13	Carb. tech. 70lb bags NY.lb	.07%	.08
Iridium, metal 100g tola.os	...	250.00	Iodide, USP VIII 5lb bot.lb	3.20	3.40	75lb bbils. NY.lb	.08%	.09
Iron, metal by hydrogen 1lb bot. lb	.65	.70	Nitrate, 500lb bbils. wks.lb22	USP, 60lb bbls.lb	.10	.11
IRON & AMM. CITRATE, USP 35lb			Oxide, lithge, 500lb bbils. 100lb	10.15	10.40	USP, blocks 100lb cs. 1, 2, 4		
caselb84	100lb kgs wks.lb	...	10.30	Oza.lb	.19	.23
Green scales, 35lb cans.lb84	Oxide, red 500lb bbils. wks.lb	10.65	13.9%	Chloride, fused 575lb drs. c/1		
Caecodylate, 10lb bot.lb	0.00	0.25	100lb kgs wks.lb13%	wks.ton	...	32.00
Citrate, USP VIII 35lb cans.lb99	Peroxide, 100lb drs.lb26	Flaked, 350lb drs. wks.ton	...	34.00
Chloride, see ferric or ferrous			White, basic carb. 500lb bbils.			Imp., fused 900lb bbils. NY. ton	26.00	28.00
Hypophosphite, 5% cans.lb	1.50	1.60	wks.lb	.09	.09%	Fluomillate, crystal 400lb bbils.		
Syrup, USP VIII.lb50	Bbls. c/1 wks.100lb	...	0.00	wks.lb15
Iodide, 1lb bot.lb	...	4.20	100lb kgs wks.lb13%	30% soln., 500lb bbils. wks. lb	.07	.07%
Syrup, USP 5lb bot.lb	.35	.36	White, sulfate 500lb bbils. wks. lb	0.03%	.08%	Soln. bbils. c/1 wks.lb06
Nitrate, kgs.lb	.09	.10	Bbls. c/1 wks.100lb	...	8.50	Glycerophosphate, 5lb. tin.lb	...	3.35
Com'l. bbils.100lb	2.75	3.25	100lb kgs wks.lb13%	Hypophosphite, 5lb cans.lb	...	1.15
Oxalate, scales 35lb cans.lb	.80	.83	LICERICE Ext. Mass, cases.lb	.25	.26	Oxide, USP light 100lb bbils. lb45
& Ammon. Oxalate, 35lb hds. lb	.45	.50	Compound powder, bbils.lb	.11	.13	USP, heavy 250lb bbils.lb	...	5.00
& Potassium Oxalate, 35lb bbl. lb	.47	.48	Powderedlb	.38	.40	Peroxide, 5lb cans.lb	...	2.15
& Sodium Oxalate, 35lb bbs. lb	.40	.43	Sticks, 1 oz. 100lb cases.lb	.45	.50	Perborate, 1lb tin.lb	...	2.25
Phosphate, USP 35lb cans.lb89	LIME (Salts, see Calcium Salts)			Sulicylate, 100lb kgs.lb	.67	.70
Pyrophosphate, USP 35lb			Live, 325lb bbils. ton lots, wks. lb01%	Sulfate, see Epsum Salts		
caselb	.90	.97	Single bbl. wks.lb01%	Manganese Chloride, 600lb cas. lb		
Iso-Eugenol, 1lb bot.lb	4.25	4.50	Hydrated, 167lb bbl, ton lots.01%	NYlb	.00%	.10
JALAP RESIN, lump 5lb tin.lb	3.25	3.35	wks.lb01%	Borate, 200lb bbils.lb18
Powd., tin.lb	3.40	3.50	Single bbl. wks.lb01%	100lb kgs.lb19
KIESELGUHR, 90lb bags NY.ton	60.00	70.00	Oyster Shell, 150lb bbl, single. lb03	Dioxide, 80-84% 900lb bbils.		
			125lb baglb03	NYton	80.00	85.00
			Sulfur, dry 200lb drs. NY.lb	.11	.12	85-90		

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Chemicals

Manganese—(continued)			METHANOL (Wood Alcohol)			NAPHTHA, Solvent, 110 gal. dra.			
Glycerophosphate, 5 lb tins....	D	3.05	95%, 50 gal. drms. ext....gal	1.15	1.17	wks.	gal	33	
Hypophos. USP VIII 5 lb cans..	D	1.65	97%, 50 gal. drms. ext....gal	1.18	1.19	8000 gal. tank car wks....	gal	27	
Iodide, 1 lb bot.....	D	6.40	Pure, 50 gal. drms. ext....gal	1.25	1.27	NAPHTHALENE, Flasks, 175 lb bbla.			
Ore, bulk NY.....	unit	30	Acetone free, 50 gal. drms. ext.	1.30	1.40	wks.	D	.08%	
Sulfate, 800 lb casks NY....	D	10	Bbbs. Incl. 5c higher			Bbbs. c/l wks.....	D	.08	
Marble Flour, bulk.....	ton	10.00	Methyl Acetone, 100 gal. drums..	gal	75	Bbbs., second hands NY....	D	.06%	
See also Calcium Carbonate			Tank cars	gal	70	Balls, 250 lb bbla. wks.....	D	.07%	
MENTHOL, USP, 60 lb cases....	D	8.25	Chloride, 90 lb cpl.....	D	50	Bbbs. c/l wks.....	D	.07	
Low cases, 5 lb tins.....	D	8.40	Cinnamate, 1 lb bot.....	D	4.00	4.50	Crushed bgs. wks.....	D	.05
MERCURY, metal, 75 lb flask..	flask	69.50	Paracresol, 1 lb bot.....	D	8.00	8.50	Crude, imp., bgs.....	D	.02%
Less Flasks, 5 lb jugs.....	D	1.02	Salicylate, USP, 50 lb cases..	D	57		Nerolin, 1 lb tins.....	D	1.75
Bichloride, cryst. 25 lb bxs..	D	1.17	500 lb drums	D	55		Nickel Metal, electrolytic 100 lb		
Gran. powd., 200 lb kegs....	D	1.02	Second Hands, cases.....	D	51	52 1/2	kegs	D	.25
Bisulfate, 25 lb boxes.....	D	.86	Methylene Blue, tech. 100 lb kgs.	D	1.00	1.50	Shot, 100 lb kegs.....	D	.25
Blue Mass, 25 lb boxes.....	D	.63	USP, medicinal 5 lb cans.....	D	2.25	2.60	Salt, single 400 lb bbla. NY..	D	.07%
Powdered, 25 lb boxes.....	D	.64	Miehler's Ketone, 225 lb bbla..	D	3.75		Double, 400 lb bbla. NY..	D	.08
Blue Ointment, USP 25 lb cans			Milk, powd. 150 lb bbla.....	D	14	15	Oxide, 100 lb kegs NY.....	D	.40
50%	D	.80	Milk Sugar, see sugar of milk				Nitre Cake, bulk wks.....	ton	6.50
USP, dilute 25 lb cans 30%..	D	.62	Mineral Oil, see oil mineral				500 lb bbla.	ton	9.00
33 1/3% Mercury.....	D	.67	Monochlorobenzene, see chlorobenzene				Nitrobenzene, crude 1000 lb dra.		
Calomel, 50 lb bxs.....	D	1.25	Monoethylaniline, 900 lb drs..	D	1.00		wks	D	.09%
Citrine Ointment 25 lb jars..	D	.50	Monomethyl paramidophenol sulfate				Redistilled, 1000 lb drs. wks.	D	.10
Iodide, green 25 lb jars.....	D	4.00	100 lb drs.	D	4.00		Nitronaphthalene, 550 lb bbla..	D	.20
Red, USP 25 lb jars.....	D	4.10	MORPHINE Sulfate, USP 5 oz. tins				Nitrotoluene, mixed 1000 lb dra.		
Yellow, USP VIII 25 lb jars..	D	4.00	10 oz.	oz	5.35		wks	D	.14
Red Precip. USP 25 lb bxs....	D	1.38	Acetate, 5 oz. tins 10 oz. lots..	oz	5.35		Oil Fuel, see Fuel Oil		
Powder, USP 25 lb bxs.....	D	1.48	Hydrobromide, 5 oz. tins 10 oz.	oz	5.35		OIL MINERAL, wh. 50 gal. bbla.gal	1.00	1.25
White Precip. USP 25 lb bxs..	D	1.49	lots	oz	5.35		Oil Mirbane, see nitrobenzene		
Powder, USP 25 lb bxs.....	D	1.54	Hydchlide, 5 oz. tins 10 oz.	oz	2.95		Opium, see crude drugs		
With chalk, USP 25 lb bxs....	D	.62	lots	oz	2.95		Orange Mineral, 800 lb casks NY..	D	.13%
Meta-Nitroaniline, 300 lb bbla..	D	.80	Diacetyl Alk., 1/4 oz. via. 10	oz	9.45		500 lb bbla. NY.....	D	.14
Meta-Nitro-para-Toluidine, 300 lb			oz.	oz	2.10		Ortho-Aminophenol, 50 lb kegs..	D	2.35
bbla.	D	2.25	Hydchlide, 1/4 oz. via. 10 oz.	oz	2.10		Ortho-Anisidine, 100 lb dra....	D	2.00
Meta-Phenylenediamine, 300 lb			oz.	oz	2.10		Ortho-Dichlorobenzene, 1000 lb dra.	D	.13
bbla.	D	1.00	Ethyl Hydchlide, 1/4 oz. via. 10	oz	9.45		wks	D	.17
Meta-Toluylenediamine, 300 lb			Small Sizes: 1/4 oz. vials, 50c extra;				Ortho-Nitrochlorobenzene, 1200 lb	D	.36
bbla.	D	.95	1/4s 25c extra; single oz. via. 7c ex-				dra. wks	D	.45
			tra, over price for 5 oz. tins. 25 oz.				Ortho-Nitrophenol, 350 lb bbla..	D	.85
			lots in 5 oz. tins, 10c oz. lower than						
			above schedule. Less than 10 oz. lots						
			15c oz. higher than above schedule.						
			Musk Ambrette, 1 lb cans.....	D	14.50	16.50			
			Ketone, 1 lb cans.....	D	13.00	14.00			
			Xylene, 5 lb cans.....	D	3.00	3.25			

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Chemicals

Ortho-Nitrotoluene, 1000b drs. wks.10 : .11	Para-Phenylenediamine, 350b bbis.	1.50 : 1.55	Phosphorus, red 110b cs. wks. b Imported, 112b cases.35 : .50
Ortho-Toluidine, 350b bbis. ....	.14 : .16	Para-Toluenesulfonamide, 175b bbis. ....	.40 : .41	Yellow, 110b cs. wks. ....	.32 : .35
Oxgall, USP 5b bot.	3.00	Para-Toluenesulfonchloride, 410b bbis. wks. ....	.11 : .13	Imported, 112b cases. ....	.25 : .27 1/2
PALLADIUM, metal 10 oz. lots on	51.00 : 53.00	Para-Toluidine, 350b bbis. wks. b	.78 : 1.15	Phosphorus Sesquisulfide, 105b cs. wks. ....	... : .37 1/2
Pancreatin, USP 5b bot.	1.25 : 1.40	PARIS GREEN		Phosphorus Trichloride, 175b cyl. wks. ....	... : .35
Papain, 1b bot.	2.15 : 2.25	Arsenic Basis, 500b kegs. ....	.26 : .28	Phthalic Anhydride, 175b bbis. b	.35 : .40
Paramin, ref'd. 200b cs. slabs		Kegs. 100 lbs. ....	.30	Pilocarpine Hydrochloride, USP 25 oz. lots, 1 oz. vials. ....	... : 5.50
120-125 Deg. M. F. ....	.03 1/4 : .03 1/4	Kits, 56, 28, 14 lbs. ....	.31	Nitrate	... : 5.50
125-130 Deg. M. F. ....	.04 : .04 1/4	Packages, 5 and 2 lbs. ....	.32 : .34	Single ounces. ....	... : 5.75
130-135 Deg. M. F. ....	.04 : .04 1/4	Packages, 1 lb., 1/2, 1/4 lb. ....	.34 : .36	Alkaloid, 15 gr. vials. ....	... : .75
135-140 Deg. M. F. ....	.05 : .06 1/4	Paris White, see whitening, French		Piperazine Hydrate, 1b bot. ....	... : 16.00
Para-Aminocetanilid, 100b kegs.	1.35 : 1.55	Pepsin, USP 5b bot.	2.25 : 2.50	Pitch, Coal-Tar, wks.	30.00 : 33.00
Para-Aminophenol, 100b kegs. b	1.15 : 1.25	PETROLATUM, green 300b bbis. b	.02 1/4 : .03	Plaster Paris, tech. 250b bbis. bbl	... : 3.30
Hydrochloride, 100b kegs.	1.30 : 1.35	Dark Amber 300b bbis. ....	.03 1/4 : .04	True Dental, 300 bbis. ....	... : 4.50
Para-Anisidine, 100b kegs.	3.00 : 3.25	Light Amber, 300b bbis. ....	.03 1/4 : .04	Platinum, metal soft 10 oz. lots. ....	... : 110.00
Technical, kegs.	1.65 : 1.75	Cream White, USP 300b bbis. b	.07 : .07 1/4	Podophyllin, 5b bot.	6.00 : 6.25
Para-Dichlorobenzene, 270b bbis. wks. ....	.18 : .22	Lily White, USP, 300b bbis. b	.09 : .09 1/4	POTASH, CAUSTIC, solid 88-92% 700b drs. wks. ....	... : .08
Paraldehyde, 100 gal drs. ....	... : .35	Snow White, USP 300b bbis. b	.12 1/4 : .13	Imp., 88-92% 700b drs. NY. b	.07 1/4 : .07 1/2
Paraformaldehyde, USP 100b cs. b	.52 1/4 : .55	PHENOL, see also acid carbolic		USP, by alcohol 5b cans. ....	.46 : .48
Para-Nitrocetanilid, 300b bbis. ....	.50 : .55	Open market, 950b drs. ....	.35 : .36	cases. ....	.30 : .35
PARA-NITROANILINE, 300b bbis. wks. ....	.74 : .76	240b des drs. ....	.35 : .36	POTASSIUM Acetate, USP 100b kegs. ....	.28 : .29
Para-Nitrochlorobenzene, 1200b drs. wks. ....	.21 : .30	Natural 240b des drs. wks. b	... : ...	Bicarbonate, crys. 220b bbis. b	.07 1/4 : .08
Para-Nitro-ortho-Toluidine, 300b bbis.	2.75 : 2.85	Imported, 336b des drs. ....	.40 : .45	Bichromate, crys. 900b cases wks. ....	.10 : .10 1/4
Para-Nitrophenol, 185b bbis. ....	.72 : .75	Phenolphthalein, USP 100b drs. b	... : 1.50	Powd., 900b cases wks. ....	.13 : .13 1/4
Para-Nitrodimethylaniline, 120b bbis. ....	... : 1.14	5b cans, 100b lots.	1.55 : 1.60	Binoxalate, 300b bbis. ....	.34 : .38
Para-Nitrotoluene, 350b bbis. b	.65 : .67	Phenylacetaldehyde, C.F., 1b bot. b	12.50 : 14.00	Bisulfate, C.F. 5b cans. ....	... : .30
Para-oxy-Benzaldehyde, 100b kegs.	1.50 : 1.60	50 p.c.	4.00 : 6.00	100b kegs. ....	... : .32
Para-Picretidin, 500b drs.	1.55 : 1.80	Phenylacetic Acid, 1b bot.	3.00 : 4.00	Bromate, 100b cs. ....	... : .45
		Phenyl-Alpha-Naphthylamine 100b kegs. ....	... : ...	BROMIDE, USP cryst. 450b bbis. ....	... : .26
		Phenylethylalcohol, 1b bot.	7.00 : 9.00	Granular, 300b bbis. ....	... : .26
		Imported.	10.00 : 12.00	Cases, 100b. ....	... : .27
		Phosgene, cylinders, wks.60 : .62	Imported, USP, 220b cs.14 1/4 : .15
		Phosphorus Oxichloride, 175b cyl. b	.35 : .40		

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Specifications on Request

Chemicals

POTASSIUM—(Continued)

CARBONATE, 80-85% calc.		
800 lb cks.	D	.05% : .06
80-85%, hydrated, 800 lb cks.	D	.07% : .07%
90-95% casks	D	.06% : .06%
95-98% casks	D	.07% : .07%
99% casks	D	.08 : .08%
USP, 100 lb kgs.	D	.10 : .11
Chlorate, crys. 112 lb kgs. c/l wks.	D	.08% : .08%
Imp. 112 lb kgs NY.	D	.07 : .07%
Powd., 112 lb kgs wks.	D	.08% : .08%
Imp. kgs NY.	D	.07 : .07%
Pyrotechnic, fine powd. NY.	D	.08 : .09
USP, fine crys. 110 lb kgs NY.	D	.08 : .09
Citrate, USP 10 lb cans.	D	.63 : .66
Glycerophosphate, 75% soln. 25 lb tins	D	1.45 : 1.70
Guaiacol Sulfonate, 5 lb cans, 10 lb	D	1.50 : 1.75
Hypophosphite, 10 lb cans.	D	. : .85
Iodide, USP, 100 lb cases.	D	3.75 : 3.85
Second Hands, cases.	D	. : 3.55
Lactophosphate, 4oz bot.	oz	. : .90
Metabisulfite, 300 lb bbls.	D	. : .23
Imp., 300 lb bbls.	D	.14 : .16
Muriate, 80%, 200 lb bags, NY K ₂ O unit	D	. : .70
Nitrate, see Saltpetre		
Oxalate, neutral, 100 lb kgs.	D	.40 : .45
Perchlorate, 112 lb kgs.	D	.09 : .10
Permangan, USP crys. 112 lb drs.	D	.18% : .19
Prussiate, red, 100 lb bbls.	D	. : .85
500 lb casks	D	. : .80
Prussiate, yellow, 500 lb casks.	D	.37% : .38
Salicylate, 25 lb cans.	D	.70 : .72

POTASSIUM—(Continued)

Sulfate, 200 lb bags, NY K ₂ O unit	D	. : .95
USP, VIII, 100 lb kgs.	D	.18 : .20
Sulfocyanide, CP 25 lb jars.	D	. : .70
Tartrate, neutral, 100 lb kgs.	D	. : .53
Titanium Oxalate, 200 lb bbls.	D	. : .35
freight allowed	D	. : .35
Pumice Stone, lump, 250 lb bbls.	D	.04% : .06
Lump, bags	D	.03% : .05
Powdered, 350 lb bbls.	D	.02% : .03
Pyridine, 50 gal. drums.	gal	2.50 : 2.75
QUICKSILVER, see Mercury		
Quinidine Alk., 100oz tins.	oz	.70 : .75
Sulfate, 100oz tins.	oz	. : .50
QUININE SULFATE, USP.		
American, 100oz tins.	oz	. : .50
1oz tins, 100oz lots.	oz	. : .57
Dutch, 100oz tins.	oz	. : .50
Java, 100oz tins.	oz	. : .50
Japanese, 100oz tins.	oz	. : .50
QUININE ALK., USP, 100oz tins.		
Acetate	oz	. : .58
Arsenate	oz	. : .88
Benzonate	oz	. : .88
Bisulfate, USP	oz	. : .50
Citrate	oz	. : .62
Dihydride, USP	oz	. : .66
Dihydride	oz	. : .66
Dicarbonate, 10oz tins.	oz	. : 2.50
Ethyl Carbonate, 16 oz tins.	oz	. : .95
Ferrocyanide	oz	. : .88
Formate	oz	. : .85
Glycerophosphate	oz	. : .88
Iodide	oz	. : .88
Hydrobromide, USP	oz	. : .62
Hydrochloride, USP	oz	. : .62
Hydrochlorosulfate	oz	. : .66

QUININE—(continued)

Hydride & Urea, CWF.	oz	. : .88
Hypophosphite	oz	. : .83
Lactate	oz	. : .78
Phenolsulfonate	oz	. : .88
Phosphate	oz	. : .74
Salicylate, USP	oz	. : .63
Tannate, CWF	oz	. : .45
Tartrate	oz	. : .88
Valerate	oz	. : .89
Small Stone: 1oz vials or cans.		
50oz lots, 5c on extra; 5oz cans.		
50oz lots, 3c on extra; 25oz cans		
50oz lots, 2c on extra; single 1oz vials or cans, 5c extra. All minor		
quinine salts sold and quoted basis		
100oz lots in 100oz cans. Sulfate		
and bisulfate sold basis 100oz		
lots in 100oz cans. Smaller orders		
or containers extra as above		
schedule.		
R SALT, 250 lb bbls. wks.	D	.55 : .70
Red Lead, see lead oxide		
Red Precipitate, see mercury.		
Resorcin, see resorcinol.		
Resorcinol tech. 100 lb kgs.	D	1.50 : 1.55
USP, 25 lb cans	D	2.00 : 2.10
Rochelle Salt, USP, 225 lb bbls.	D	. : .21
Imp. USP, 300 lb bbls.	D	.19 : .21
Rosewater, triple, 5gal. demis.	gal	.90 : 1.10
Rotten Stone, lump imp., bbls.	D	.07 : .08
Lump selected, bbls.	D	.09 : .12
Powdered, bbls.	D	.02 : .05
Domestic, bags, mines.	ton	24.00 : 30.00



LES USINES

"ALLONDON"
LA PLAINES—GENEVA
SWITZERLAND

Pilocarpine
Eserine

J. E. DOCKENDORFF & CO.

Sole Agents and Representatives

20 BROAD ST., NEW YORK

Tel. Rector 4333-4

Cable "Dockendorf,"



Chemicals

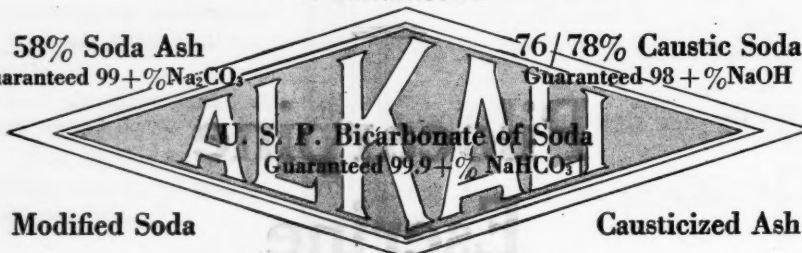
SACCHARIN, USP, 1 lb cans, 25 lb		Soap, Castile, 40 lb bxs.....lb		SODIUM ACETATE, crys 450 lb bbls	
Soluble, USP, 1 lb cans, 25 lb.....lb	1.90 : 2.00	Powd. USP, 250 lb bbls.....lb	.28 : .29	wks.....lb	... : .07%
Safrol, 60 lb cans.....lb	.35 : .60	Green, USP, 150 lb kegs.....lb	.07 : .07%	Ton lots, bbls. wks.....lb	... : .07
Sal Ammoniac, see Ammon. Chloride		Soapstone, see Talc, crude		Imp. 500 lb casks.....lb	... : .07
Sallein, USP, 1 lb cartons, 25 lb.....lb	5.00 : 5.25	Prices on soda alkalies are based on actual percentages and not N. Y. & L. test.			
Salol, USP, 100 lb drums.....lb	.95 : 1.00	SODA ASH, 58% light bgs NY		Aluminum Sulfate, see alum soda.	
Second Hands.....lb	.85 : .90	flat, ex-warehouse.....100 lb	... : 2.01	Benzate, USP, 250 lb bbls.....lb	.04 : .70
Salt, Common, see sodium chloride.		Contract, Basis 48% bags c/l		Bicarbonate, 400 lb bbls.....100 lb	... : 2.40
SALTPETRE, Double Refined		wks.....100 lb	... : 1.20	Bbls. c/l wks.....100 lb	... : 2.00
Granular, 400-500 lb bbls.		Prompt and spot, Basis 48% bags		112 lb kegs.....100 lb	... : 2.25
c/l wks.....lb	... : .06%	c/l wks.....100 lb	1.25 : 1.30	112 lb kegs, NY.....100 lb	... : 2.65
Less c/l works, bbls.....lb	... : .06%	Soda Ash, 58% dense, bags ex-		Richromate, 600 lb casks wks.....lb	.07% : .08
Large Crystals, 350-400 lb bbls.		warehouse, NY.....100 lb	... : 2.07	Casks, c/l wks.....lb	.07% : .07%
c/l wks.....lb	... : .08	Contract, Basis 48% bags c/l		Bisulfite, dry powder, 500 lb	
Small Crystals, 350-400 lb bbls.		wks.....100 lb	... : 1.25	bbls, wks.....lb	.04 : .04%
c/l wks.....lb	... : .07%	Fmpt. and spot, Basis 48% bags		Solution, 32-40°, 500 lb bbls	
Powdered, bbls. c/l wks.....lb	... : .08	c/l wks.....100 lb	1.30 : 1.35	wks.....100 lb	1.15 : 1.80
Imported, 500 lb bbls., NY.....lb	.06% : .06%	SODA, CAUSTIC, 76% solid, resale,		Bromide, USP, Cryst 500 lb bbls	
Santonin USP, 1 lb bot.....lb	175.00 : 177.00	NY flat.....100 lb	3.50 : 3.60	Cases, 100 lb.....lb	... : .25
Powd., 1 lb bot.....lb	176.50 : 178.50	76% solid drs. ex-warehouse		Imp. USP, 112 lb cs.....lb	... : .26
Saponin, ex Quilaja, 5 lb tins.....lb	1.25 : 1.56	NY.....100 lb	... : 3.72	Cacodylate, USP, 5 lb bot.	
Schaeffer's Salt, 250 lb bbls.wks.....lb	.60 : .65	Contract basis 60% c/l wks	... : 2.50	25 lb.....lb	0.00 : 6.25
Scopolamine, see hyoscyne.		Pmpt and spot, Basis 60%		Carbonate, sal soda, 350 lb bbls	
Selditz Mixture, 225 lb bbls.....lb	.17 : .18	c/l wks.....100 lb	2.57% : 2.60	lc/l NY.....100 lb	1.30 : 1.35
SILICA		Contract 60% low grade c/l		Wicks c/l.....100 lb	1.10 : 1.30
Crude, bulk, mines.....ton	10.00 : 12.00	wks flat.....100 lb	... : 2.65	Monohydrate, 400 lb bbl.	
Refined, floated, bags.....ton	18.00 : 30.00	Ground & flake, 76% pmpt and		lc/l.....100 lb	... : 2.45
Air floated, bags.....ton	32.00 : 50.00	spot, wks c/l drs.....100 lb	... : 3.72%	Pure photographic, 100 lb	
Extra, floated, bags.....ton	55.00 : 65.00	Contract, 76% drums, c/l wks		keg.....lb	.08 : .09
SILVER, metal, American.....oz	... : .99%	flat.....100 lb	... : 3.65	Chlorate, 112 lb kegs, wks.....lb	.06% : .07
Foreign.....oz	... : .63	76% drs. ex-warehouse NY 100 lb	... : 4.16	Imported, 112 lb kegs.....lb	... : .07
Colloidal, 16oz bot.....oz	... : 1.60	USP, stick, 10 lb cans.....lb	.19 : .21	Chloride, tech 200 lb bags, ton	12.00 : 15.00
Silver Iodide, 16oz bot.....oz	... : .68	Pure, stick, by alcohol.....lb	.25 : .27	C. P. 300 lb bbls.....lb	.05 : .06
Nitrate, USP, 200oz bot.....oz	.43 : .43%			Citrate, USP, IX, 100 lb kegs.....lb	... : .62
Nucleinate, 16oz bot.....oz	.32 : .37			USP, VIII, 100 lb kegs.....lb	... : .65
Proteinat, 16oz bot.....oz	.34 : .39			Cyanide, 96-98%, 100 lb cases	
				wks.....lb	... : .23
				Ton lots, wks.....lb	... : .23
				73-76%, 100 lb cases, wks.....lb	... : .20%
				Imp. 123%, 200 lb cases.....lb	.21 : .22
				120%, cases.....lb	.19% : .20
				Fluoride, 350 lb bbls, NY imp. lb	.09% : .09%

DIAMOND TESTED ALKALI

Produced in the most modern Alkali plants in the world, "Diamond" tested products are a guarantee of superior quality

58% Soda Ash
Guaranteed 99+ % Na_2CO_3

76/78% Caustic Soda
Guaranteed 98+ % NaOH



Modified Soda

Causticized Ash

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DIAMOND ALKALI COMPANY

PITTSBURGH · PENNSYLVANIA

Chemicals

SODIUM—(Continued)


Glycerophos., USP, crys 25 lb cans	1.70	1.75
Powder, 25 lb tins	1.75	1.80
Solution, USP 25 lb tins	1.00	1.05
Hydroxide, see Soda Caustic		
Hypochlorite, Soln, 100 lb cys. lb	.05½	.06
Hydroxide, 200 lb bbls, fob, wks. lb	.19	.22
Hypophosphite, USP, 25 lb cans		.75
HYPOSULFITE, tech. pea crys., 375 lb bbls. wks. 100 lb	3.50	3.75
Bbls. c/l wks. 100 lb		3.35
100 lb kegs wks. 100 lb	3.75	4.00
Granulated, bbls. wks. 100 lb	3.75	3.90
Bbls. c/l wks. 100 lb		3.75
Kegs wks. 100 lb	4.20	4.50
Regular crystals 100 lb	2.75	3.00
Iodide, USP, 25 lb jars		4.25
Metanilate, 150 lb bbls.	.80	.82
Naphthionate, 300 lb bbls.		.56
Nitrate, crude, 95%, 200 lb bgs c/l NY		2.60
Futures, NY 100 lb		2.62½
Double Refined, 400 lb bbls wks	.04½	.04%
Nitrite, 500 lb bbls wks.	.09	.09½
Bbls. spot, makers		.09½
Imp. 650 lb casks	.08½	.08½
Ortho-Chloro-para-Toluene Sulfonate, 175 lb bbls wks. lb	.25	.27
Oxalate, neutral, 100 lb kegs. lb		.47
Perborate, 275 lb bbls.		.24
Imp. 225 lb drs.	.18	.19
Peroxide, 200 lb cases	.25	.27
Phosphate, di-sodium, tech 550 lb bbls.	.03½	.03%
USP, gran. 275 bbls.	.07	.07½
Imp. gran.	.05½	.06
USP, recrys 275 bbls.	.10	.11
Mono-sodium 100 lb kegs.	.24	.26
Tri-sodium tech. c/l, bbls.	.04½	.05
Picramate, 100 lb kegs		.60

SODIUM—(Continued)

Para-Toluene Sulfonate, 175 lb bbls	.08	.09
PRUSSIAN, yellow, 450 lb cks. lb	.19	.19½
Pyrophosphate, 100 lb kegs	.18	.22
Salicylate, 100 lb kegs	.52	.54
Second Hands, USP, kegs	.45	.47
Silicate, 60° 700 lb bbls. f.a.s. NY		2.00
Works, 1000 lb drums		1.90
Works, tanks 100 lb		1.75
40° domestic, 700 lb c/l f.o.b. wks.		.80
Works, 1000 lb drums		.82½
Works, tanks 100 lb		.75
Spot, drums, bbls.	1.25	1.50
Silicofluoride, 450 lb bbls NY. lb	.07½	.08
Sulfate, see Glauber's Salt.		
Sulfide, 60% solid, 650 lb drs		.05
lc/l wks.		.05½
Drs. c/l wks.		.04%
Imp. 700 lb drs NY.		.04
60% broken, 650 lb drs wks. lb	.05½	.05½
Imp. 500 lb drs NY.		.04½
30% crys. 400 lb bbls wks. lb	.02%	.03
Imp. 400 lb bbls.		.02½
Sulfite, crys, 400 lb bbls wks. lb	.03½	.03%
Dessicated, 400 lb bbls.	.09½	.10
Sulfocarbolate, USP, 100 lb kegs	.36	.38
Sulfocyanide, 400 lb bbls.	.45	.47
Tungstate, crys 100 lb kegs.		.55
Dessicated, kegs		.65
Solvent Naptha, see Naptha.		
Sparteine Sulfate, USP, 250z bulk. oz	.60	.70
Single oz. vial.		.60
Starch, rice, 140 lb bags	.09	.10

STRONTIUM Bromide, USP, 100 lb

Carb. 600 lb bbls. wks.	.33	.07
100 lb kegs wks.	.08	
Iodide, USP, 25 lb jars	4.00	
Nitrate, 600 lb bbls. wks.	.11	.11½
Imp., bbls. NY.	.08½	.10
Salicylate, USP, 100 lb kegs.	.85	
STRYCHNINE Alkaloid, USP, crys 100oz tins	1.15	
Alk. powd., USP	1.05	
Acetate	1.05	
Glycerophosphate, USP	1.05	
Hydrobromide	1.05	
Hydrochloride	1.05	
Hypophosphite	1.15	
Nitrate, USP	1.05	
Phosphate	1.05	
Sulfate, USP, crys powd.	.84	
Saccharinate	2.15	
Strychnine preparations quoted bases 100oz lots in 100oz tins. Small Sizes: ¼oz vials, 50c extra; ½oz vials, 25c extra; single ounce vials, 7c extra. Lots of 25 ozs. 5c higher than above schedule. Lots of less than 25 ozs. 10c higher per oz.		
Sugar Milk, USP, 200 lb bbls.	.21	.22
Second Hands, USP, bbls.	.23	.24
Sulfonal, see Sulfonmethane.		
Sulfonmethane, USP, 5 lb bxs.	3.75	
Sulfonethymethane, USP, bxs, 5 lb.	4.75	
SULFUR, crude, bulk, c/l NY. ton	18.00	
Crude, f.o.b. plant.	14.00	15.00
Brimstone, 250 lb bgs, c/l 100 lb	1.75	1.95
Less c/l bags NY	1.85	2.10
Roll 500 lb bbls c/l NY. 100 lb	2.15	
Less c/l bags NY	2.20	2.45
Flour, Heavy, 290 lb bbls, 100 lb	2.50	3.05
Light, 100%, 260 lb bbls, 100 lb	2.60	3.15
Rubbermakers 100%, 240 lb bbls, NY	2.60	3.15



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SODA
SINCE 1881

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CAUSTICIZED ASH

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DETROIT - Real Estate Exchg Bldg.
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Chemicals

SULFUR—(continued)

Commercial, 99%, 150 lb bgs		
NY	1.35	1.85
For Dusting, 99%, 100 lb		
bgs NY	2.00	2.50
Flowers, 100%, 240 lb bbls		
NY	3.00	3.55
Precipitated, 125 lb bbls NY	.14	.18
Lac, 135 lb bbls NY	.07	.10
Sulfur Chloride, red, 700 lb drs		
wks	.05	.08
150 lb chys wks		.08
Yellow, 700 lb drs, wks	.05	.08
150 lb chys, wks		.08
Sulfur Dioxide, 100 lb cyl	.08	.08½
Iodide, USP, VIII, 5 lb bot		4.55
Sulfuric Ether, see Ether		
Sulfuryl Chloride, 800 lb drs		.70
TALC, Italian, 220 lb bags NY	35.00	40.00
Refined, white, bags	42.00	55.00
French, 220 lb bags NY	25.00	30.00
Refined, white, bags	32.00	45.00
Dom, crude, 100 lb bags NY	15.00	18.00
Refined, 100 lb bags NY	20.00	30.00
Tartar Emetic, tech, 700 lb bbls	.27	.27½
USP, 300 lb bbls	.34½	.35½
Terpin Hydrate, USP, 100 lb kegs	.73	.75
Terpineol, CP, 1000 lb drums	.53	.55
Cans, 50 lb	.58	.60
Imported, cans, 25 lb		1.00
Terpenyl Acetate, 25 lb cans	1.75	2.00
Terra Alba, No. 1, 300 lb bbls	1.85	1.90
No. 2, bbls	1.25	1.35
Theobromine Alk., 5 lb cans		6.00
and Sod. Salicylate, 1 lb bot		4.00
Thiocarbamid, 170 lb bbls	.28	.30
Thymol, USP, 10 lb cans	3.70	3.75
Iodide, 5 lb boxes	6.75	7.00
TIN, Metal Strains, NY		44.25
American standard, NY		43.50
99% American, NY		43.25
C.P. money, 25 lb bgs NY		

Tin—(continued)

Bichloride, 50% soln 100 lb		
bbls wks	.10½	.10½
Crystals, 500 lb bbls, wks		.33
100 lb kegs, wks		.33½
Oxide, 400 lb bbls, wks		.43
100 lb kegs wks		.44
Tetrachloride, 1000 lb drs wks	.21½	.23
Tollidine, 350 lb bbls	.95	.97
Sulfate, 350 lb bbls		1.00
Toluene, 8000 gal tank cars, wks gal		.30
110 gal drs wks		.35
Toluidine, Mixed, 900 lb drs wks	.30	.32
Tribromophenol, 100 lb cases		1.00
Trional, see Sulfonethylmethane		
Triphenyl Phosphate, 450 lb bbls		.45
Tripoli, 500 lb bbls	2.50	3.00
Tungsten NY		7.00
WO ₃ unit		8.00
UREA, pharm 112 lb cases		.40
VANILLIN, USP, 400 oz cans	.41	.41½
Cans, 80 oz		.41½
Cans, 16 oz		.42½
Vermilion, Amer. 100 lb kegs		.35
English, kegs		1.30
Veratrine Sulfate, 1 oz vial		2.50
Hydrochloride, 1 oz vial		2.50
WHITE LEAD, see lead, white		
White Precipitate, see mercury		
Whiting, 200 lb bags, c/l wks ton		18.00
Bags, 1/ci wks		20.00
Gilders, bags	13.50	15.00
French, bags, NY		18.00
English, bags, NY		23.00
Witch Hazel Extract, 50 gal bbls gal	1.20	1.25

XYLENE, 2° dist range, nitration

ths, wks		
110 gal. drs, wks		
5° dist. range, 8000 gal tanks		
wks		
110 gal. drs, wks		
Commercial, 110 gal drs, wks gal		.34
Tanks, wks		.29
Xylidine, 900 lb drs	.42	.43
YARA YARA, 1 lb tins	2.00	2.50
Yohimbin Hydrchloride, 1 oz. vial. oz	5.00	5.50
ZINC, METAL, high grade, slabs		
c/l NY		8.50
Common Slabs, c/l NY	7.90	7.95
Mossy, 25 lb bgs NY		.15
Ammonium Chloride, soln, 400 lb		
bbls		
Carb. tech, 150 lb kegs NY	.14	.16
USP, 100 lb kegs		.30
Chloride, fused, 600 lb drs wks		.07
Drs. c/l wks		.05½
Imp. drs NY		.06
Granulated, 500 lb bbls wks	.08	.09
Imported, drs, NY	.06	.06½
USP, 25 lb jars		.20
Cyanide, 100 lb drs	.42	.43
Dust, 100 lb tins wks	.09	.11
500 lb bbls, kegs, c/l wks	.09½	.09½
500 lb bbls, kegs, c/l wks	.08½	.09
Iodide, 5 lb bottles		5.20
Nitrate, 25 lb jars		.38
Oxide, Amer. 300 lb bbls, wks	.07½	.08
Bbls c/l wks		.07½
French, 300 lb bbls wks	.09½	.11½
Bbl c/l wks	.09½	.10½
Bags, c/l wks	.09½	.10½
USP, 100 lb bbls, c/l		.15½
Ton lots, wks		.16½
Imported, white seal, bbls		.12½
Green seal, bbls		.10
USP, 100 lb bbls		.15
Stearate, USP, 60 lb bbls	.19½	.21
Sulfate, 400 lb bbls, wks	.03½	.03½
Bbls c/l wks		.08
USP, 100 lb kegs	.08	.09
Sulfocarbonate, 100 lb kegs	.35	.37



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PRECIPITATED 100%
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Alcohol

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Oils and Fertilizers

Oils

Castor, No. 1, 400 lb bbls.....	13 3/4	14
80 lb cases.....	14 1/2	15
No. 3, bbls.....	13	13 1/4
Blown, 400 lb bbls.....		14 1/4
China Wood, bbls., spot NY.....	18 1/4	19
8000 gal. tks. NY.....		17 1/2
Apr.-May, forward, tanks, NY.....		16
Coast, tanks, Apr. forward.....	15	15 1/4
Coconut Ceylon, 375 lb bbls. NY.....	09 1/4	09 1/2
8000 gal. tanks, NY.....	08 1/2	08 3/4
Cochin, 375 lb bbls. NY.....	10 1/4	10 1/2
Tanks, NY.....	09 1/4	09 1/2
Manilla, tanks, Coast.....		08 1/4
Edible, bbls. NY.....	10 1/4	11
Cod Newfoundland 50 gal. bbls. gal	68	70
Tanks, NY.....	66	67
Copra, bags.....	05 1/2	05 3/4
Corn, ref. 375 lb bbls. NY.....		13 1/4
Crude, tanks mills.....	10 1/4	10 1/2
Bbls. NY.....	12	13
COTTONSEED, crude tks. mills.....		10
P. S. Y. 100 bbl. lots NY.....	11	11 1/4
White, 100 bbl. lots NY.....		13 1/4
Winter yellow, 100 bbls. NY.....	13 1/4	13 1/2
Degras, Amer. 50 gal. bbls. NY.....		04 1/4
English, bbls. NY.....	04 1/4	05
Neutral, bbls. NY.....	06	14
Grease, choice white bbls. NY.....	10 1/4	10 1/2
Yellow.....		08 1/4
Brown.....		08 1/4
House.....		08 1/4
Bone naphtha.....	07 1/4	08
Herring, Tanks, Coast.....		13 1/4
Horse, 375 lb bbls. NY.....		13 1/4
Lard, prime steam bbls.....		13 1/4
Compound, bbls.....		14 1/4
LARD OIL, Edible prime, bbls.....		14 1/4
Off prime, bbls.....		14
Extra, bbls.....		13 1/4
Extra No. 1, bbls.....		13 1/4
No. 1 bbls.....		13
No. 2 bbls.....		12 1/4

LINSEED, raw c/l bbls spot.....	gal	98
Five bbls., raw.....	gal	1.01
Boiled, 5 bbl. lots.....	gal	1.04
Double boiled 5 bbl. lots.....	gal	1.07
Raw, Mar. c/l bbls.....	gal	98
Mar.-Apr. c/l bbls.....	gal	98
Imported, bbls., NY.....	gal	98
Imp. shipment, duty paid bbls. gal		98
Menhaden, crude, bbls, wis.....	gal	53
Crude, tanks wis Balt.....	gal	51
Light strained, tanks.....	gal	72
Light strained, bbls, NY.....	gal	74
Yellow bleached, bbls, NY.....	gal	76
Blown, bbls, NY.....	gal	85
Neatsfoot, 20° c.t. bbls. NY.....	18 1/4	20
30° cold test, bbls. NY.....	15 1/4	15 1/2
Prime, bbls, NY.....		13 1/4
Oleo Oil, No. 1, bbls NY.....	13 1/4	13 1/2
No. 2, bbls, NY.....	10 1/4	11
No. 3, bbls, NY.....	09 1/4	09 1/2
OLIVE, denatured bbls. NY.....	1.15	1.17
Edible, bbls., NY.....	1.80	2.20
Foots, bbls, NY.....	09 1/4	09 1/2
Shipment.....	08 1/4	08 1/2
Palm Lagoon, 1500 lb casks.....	08	08 1/2
Niger, casks.....	07 1/4	07 1/2
Bonny old Calabar, casks.....	07 1/4	07 1/2
Palm Kernel, 1500 lb casks NY.....	09 1/4	09 1/2
Peanut, refined bbls, NY.....	16 1/4	17 1/4
Crude, mills buyers' tks.....		14
Crude, bbls, NY.....		15 1/4
Apr. Arriv. f.o.b. NY bbls.....		16 1/4
Perilla, bbls, NY.....		15 1/4
Apr.-May, ship. bbls, NY.....		16
Poppyseed, bbls. NY.....		2.50
Rapeseed, refined bbls, NY.....	85	86
Blown, bbls, NY.....	95	98
Red Oil, distilled, bbls.....	11 1/4	12
Saponified, bbls.....	11 1/4	12
Salmon, 8000 gal. tks. Coast. gal		1.20
Sesame, domestic edible bbls.....		1.20
Sed Oil, bbls, NY.....		45

SOYA BEAN, crude tks. Coast.....	10 1/2	10 1/2
Crude, Tks. D.P., NY.....	10 1/2	10 1/2
Crude, bbls, NY.....		12
Refined, bbls, NY.....		12 1/2
Amer. pressed, ord. bbls, NY.....	11	11 1/4
Sperm, 38° c. t. bldd. bbls. NY.....		1.09
45° cold test, bldd. bbls. NY.....		1.04
STEARIC ACID, s. p. 200 lb bags.....		12 1/4
Double pressed, bags.....	14	14 1/4
Double pressed, bags, saponified.....	14	14 1/2
Triple pressed, bags, distilled.....	15 1/4	16 1/4
Triple pressed, bags, saponified.....	15 1/4	16 1/4
Stearine, oleo, bbls.....		10 1/2
Lard, bbls.....		12 1/4
Tallow, edible, tierces.....		10 1/2
City extra, loose.....	08 1/2	09
Tallow Oil, acidless tks, NY.....		11 1/4
Bbls., c/l NY.....		12 1/4
Teaseed, crude bbls, NY.....	12 1/4	12 1/2
Walnut, crude bbls, NY.....	12 1/4	12 1/2
Whale, nat. winter bbls, NY.....		73
Bleich, winter bbls, NY.....		75
Extra Bleich, bbls, NY.....		78
Crude, No. 1, tanks Coast.....		...
Crude, No. 2, tanks Coast.....		...
Crude No. 3, tanks Coast.....		...

Fertilizer Materials

Ammon. Sulf. bulk wis.....	100 lb	3.30
Double bags f.a.s. NY.....	100 lb	3.65
Blood, dried f.o.b. NY.....	unit	4.75
Bone, 3 & 50 ground raw.....	ton	32.00
Raw, Chicago.....	ton	30.00
Cyanamide wis.....	unit	5.55
Fish Scrap, dried wis.....	unit	2.25
NITRATE SODA, NY.....	100 lb	2.62 1/2
Phosphate Rock, f.o.b. mines.....		3.00
Florida pebble, 68-78%.....	ton	3.00
Tennessee, 70-75%.....	ton	3.25
Phosphate Acid, 16% Bulk wis.....	ton	10.00
Potassium Murate, 80%.....	unit	70
Sulfate.....	unit	85
Steamed Bone Meal, NY.....	ton	35.00
Tankage, ground NY.....	unit	4.50
High grade, f.o.b. Chicago.....	unit	4.50

Compound Solution Cresol U.S.P. IX

BAIRD & McGUIRE, Inc.
Holbrook, Mass. P. O. Box 473
New York Representative
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Tannins and Dyestuffs

Naval Stores

(Carloads ex-yard N. Y.)

Spirits Turpentine, bbls.	gal	1.54
Wood Turpentine, stm. distd. bbls	gal	1.47
Destructive distilled, bbls.	gal	1.27
Pitch, prime	bbl	6.00
Resins. (Sold in 600 lb bbls, gross for net, quotations based on a unit of 280 lb)		
B	280 lb	6.00
D	280 lb	6.00
E	280 lb	6.15
F	280 lb	6.25
G	280 lb	6.25
H	280 lb	6.25
I	280 lb	6.25
K	280 lb	6.40
M	280 lb	6.60
N	280 lb	6.80
WG	280 lb	7.25
WW	280 lb	7.95
Resin Oil, first run, 50 gal. bbls	gal	.48
Second run, bbls.	gal	.48
Tar, kiln-burnt	bbl	13.50
Retort	bbl	12.50

Woods

Barwood, chips	lb	.04½ : .05
Camwood, chips	lb	.09 : .13
Divi Divi, pods 100-200 lb bags	ton	32.00 : 34.00
Fustic, sticks	ton	35.00 : 37.00
Chips	lb	.04 : .08
Hemlock, bark	ton	16.00 : 18.00
Hyperic, chips	lb	.06½ : .07
LOGWOOD, sticks	ton	30.00
Chips 150 lb bags	lb	.02½ : .03
Mangrove bark, African	ton	35.00
Bark, South American	ton	35.00

Myrabolans, 150 lb bags J1	ton	38.00
H1	ton	34.00
H2	ton	17.00
Nutgalls, see Crude Drugs		
Oak bark, whole	ton	20.00 : 23.00
Ground	ton	25.00
Quercitron bark, rough	ton	10.00
Ground	ton	20.00
Sumac, Sicily, 150 lb bags	ton	57.00 : 60.00
Virginia, 150 lb bags	ton	35.00
Valonia Cups, 28-33% tan	ton	31.00 : 33.00
Beard, 40% tan, 150 lb bags	ton	48.00 : 50.00
Wattle bark, 150 lb bags	ton	38.00 : 40.00

Extracts

Range of prices includes quality range for large quantity.

Anatto, fine	lb	.26 : .29
Archil, double 600 lb bbls.	lb	.16 : .18
Triple, 600 lb bbls.	lb	.17 : .19
Cone, 600 lb bbls.	lb	.18 : .20
Chestnut, clarified, 25% tks. wks	ton	2.00
Bbls., wks	lb	.02½
Powd., 80% 100 lb bbls. wks	lb	.05½ : .05¾
Decolorized, bbls. wks	lb	.09 : .09½
Cudbear, English	lb	.21 : .23
Cutch, Rangoon, 100 lb bales	lb	.13 : .16
Borneo, solid, 100 lb bales	lb	.04½ : .05½
Liquid, 450 lb bbls.	lb	.10 : .11
Tablets, 120 lb boxes	lb	.13 : .14
Flavine	lb	.00 : .05
Fustic, solid 50 lb boxes	lb	.14 : .18
Crystals, 100 lb boxes	lb	.22 : .24
Liquid, 51°, 600 lb bbls.	lb	.10 : .14
Gal extract	lb	.16 : .18
Gambier, 25% liq. 450 lb bbls.	lb	.06½ : .07
Common, 200 lb cases	lb	.05½ : .05¾
Singapore cubes, 150 lb bags	lb	.07 : .07½
HEMATINE, Paste, 500 lb bbls.	lb	.11½ : .13½
Crystals, 400 lb bbls.	lb	.16 : .20
Hemlock, 25% 600 lb bbls. wks	lb	.03½ : .03¾
Hyperic, 51°, 600 lb bbls.	lb	.15 : .20
Indigo, Madras bbls.	lb	.85 : .90
Manila, bbls.	lb	1.30

Larch, 25%, 600 lb bbls., wks.	lb	.03½ : .03¾
Powd. 100 lb bags, wks.	lb	.07½ : .08
Logwood, 51°, 450 lb bbls.	lb	.07½ : .12½
Solid, 50 lb boxes	lb	.15 : .21
Madder, Dutch	lb	.28 : .30
Mangrove, 55% 400 lb bbls.	lb	.05½ : .05¾
Myrabolans, 25% liquid bbls.	lb	.04 : .05
50% solid, 50 lb boxes	lb	.04½ : .04¾
Oak, tanks wks	lb	.05 : .05½
23-25% liq. 600 lb bbls. wks.	lb	.07 : .08
Osage Orange, 50° liquid	lb	.15 : .16
Powd. 100 lb bags	lb	.27 : .30
Persian Berries	lb	.03½ : .03¾
QUEBRACHO, 35% liquid tks.	lb	.04 : .04½
450 lb bbls.	lb	.04½ : .05½
35% bleaching, 450 lb bbls.	lb	.04 : .04½
Solid 65% 100 lb bales	lb	.06 : .06½
Clarified bales	lb	.06 : .07
Quercitron, 51° 450 lb bbls.	lb	.09 : .13
Powdered, 100 lb boxes	lb	.01 : .01½
Spruce, 25% liquid tanks wks.	lb	.02 : .02½
Powd. 50% 100 lb bags wks.	lb	.07 : .09
Sumac, liquid 450 lb bbls.	lb	

DYERS' SUNDRIES

Ibument, technical, egg 200 lb cs.	lb	.88
Blood, domestic, 100 lb drs.	lb	.35
British Gum, 140 lb bags c/1 100 lb	lb	3.39
Bags lc/1	lb	3.67
Dextrin, corn 140 lb bags c/1 100 lb	lb	3.09
Bags lc/1	lb	3.37
Potato 140 lb bags c/1 100 lb	lb	.09
Bags lc/1	lb	.09½ : .09¾
Prussian blue	lb	.60 : .65
Sago Flour, 150 lb bags	lb	.03½ : .03¾
Spray Yolk 150 lb cs.	lb	.35 : .45
STARCH, powd. 140 lb bags c/1 100 lb	lb	2.47
Bags lc/1	lb	2.75
Pearl, 140 lb bags c/1 100 lb	lb	2.37 : 2.65
Potato, domestic, 140 lb bags	lb	.05½ : .05¾
Imported, bags duty paid	lb	.06½ : .07½
Tapioca Flour, high grade bags	lb	.05 : .05½
Medium grade, bags	lb	.03½ : .04
Low grade, bags	lb	.03 : .03½
Turkey Red Oil, bbls.	lb	.09 : .11
Yolk Oil, bbls.	lb	.35

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Crude Drugs

Crude Drugs

Accroides Gum, yel.,	D	.18	: .20
ACONITE Leaves, bales	D	.16	: .17
Aconite Root, USP, bags	D	.35	: .40
Agar Agar, 1, 200 lb bales	D	1.70	: 1.75
No. 2, bales	D	1.55	: 1.65
No. 3, bales	D	1.45	: 1.50
Agaric, white, cases	D	...	...
Almonds, bitter bags bxs	D	.32	: .35
Sweet, bags	D	.45	: .46
Meal, tins, boxes	D	.28	: .30
Aletris Root, bags	D	.60	: .62
Alkanet Root, bags	D	.08	: .10
Aloes, Barbadoes, 120 lb bbls	D	.70	: .75
Cape, 400 lb cases	D	.07 1/2	: .08
Curacao, 100 lb cases	D	.30	: .32
Socotrine, whole 100 lb cs	D	.15	: .16
Althea Root, cut cases	D	.09	: .10
Whole bags	D	...	...
Ambergris, black boxes	cs	...	: 8.00
Grey, boxes	cs	...	: 28.00
Ammoniac, tears, bags	D	1.35	: 1.40
Angelica Root, dom, bags	D	.14	: .15
Angostura Bark, bags	D	.14	: .15
Anise, Levant bags	D	.17	: .17 1/2
Star, cases	D	.14 1/2	: .15
Spanish, bags	D	.25 1/2	: .26
Anatto Seed, bags	D	.06	: .07
ARABIC GUM, 200 lb cases	D	.26	: .27
Seconds, 250 lb bags	D	.22	: .24
Sorts, amber, 200 lb bags, bls	D	.21 1/2	: .22
Powd., USP, 300 lb bbls	D	.24	: .25
Areca Nuts, 150 lb bags	D	...	: .09
Powd., 200 lb bbls	D	...	: .12
Arnica Flowers, bales	D	.11 1/2	: .12
Root, bags	D	.20	: .22
Arrowroot, Amer. powd. bbls	D	.05 1/2	: .06
St. Vincent, powd. bbls	D	.14	: .15
Asafoetida, USP, 250 lb cases	D	.32	: .35
Powd., 50 lb bxs	D	.55	: .60
BALM GILEAD BUDS, bags	D	.45	: .47
Balmory Herb, bales	D	...	: .14

BALSAMS

Copaiba, Para, 80 lb cs	D	.23	: .25
South American, 80 lb cs	D	.23	: .29
Flr Canada, cans	gal	...	: 11.00
Oregon, bbls., cans	gal	...	: 2.75
Peru, 120 lb cases	D	2.00	: 2.10
Tolu, 90 lb cases	D	.75	: .80
Bamboo Brier Root, bags	D	.06	: .07
Barberry Bark, tree bales	D	.22	: .24
Bayberry Bark, bales	D	.10	: .12
Wax, bbls	D	.28	: .30
Belladonna Leaves, bales	D	.17	: .18
Root, bags	D	.13	: .14
Bees Wax, white bbls	D	.36	: .37
Yellow, refined bbls	D	.23	: .26
Crude, bags	D	.20	: .22
Benzoin Gum, Siam, boxes	D	1.00	: 1.10
Sumatra, 80 lb boxes	D	.32	: .35
Berberis Aquifolium Root, bags	D	.16	: .17
Beth Root, bags	D	.18	: .20
Blackhaw Bark, root, bales	D	.41	: .43
Tree, bales	D	.25	: .26
Blood Root, bags	D	.13	: .15
Blueflag Root, bags	D	.23	: .25
Bonaset Herb, bales	D	.08	: .10
Borage Flowers, bales	D	.28	: .30
Bryonia Root, bags	D	.10	: .11
BUCHU LEAVES, short, 250 lb			
bales	D	.95	: .97
Less, bales	D	1.00	: 1.03
Long, bales	D	...	: ...
Buckthorn Bark, bales	D	.07	: .08
Burdock Root, bags	D	...	: .30
Burgundy Pitch, dom. 110 lb stands			
Gross for net	D	...	: .05
Calabar Beans, bags	D	.13	: .14
Calamus Root, bleached cases	D	.40	: .45
Unbleached, bags	D	.07	: .08
Calendula Petals, imp. bales	D	...	: .30
Calisaya Bark, bales	D	.14	: .16
Camphor, see Chemicals			
Canary Seed, Morocco bags	D	.06	: .06 1/2
South American, bags	D	.04 1/2	: .04 1/2
Candella Wax, bags	D	...	: .35
Canella Alba Bark, bales	D	.45	: .47
Cannabis, true imp. bags	D	...	: 5.75
American (no assay) bales	D	.90	: 1.00
USP, bales	D	...	: 2.00

Cantharides, Chinese cases	D	1.05	: 1.10
Powd., boxes	D	1.25	: 1.35
Cantharides, Russian, cases	D	1.75	: 2.00
Powdered, boxes	D	2.00	: 2.25
Caraway Seed, African bags	D	...	: ...
Dutch, 110 lb bags	D	.28	: .28 1/2
Cardamom bleached cases	D	1.25	: 1.75
Decoricated, cases	D	...	: 1.10
Green, grinding, bags	D	...	: 1.10
Carnauba Wax, Flor. bags	D	.45	: .48
No. 1 N Country bags	D	.40	: .43
No. 2 N Country bags	D	.23	: .25
No. 3 Fatty Gray, bags	D	.20	: .21
No. 3 Chalky, bags	D	.16 1/2	: .17
Cascara Amarga, 150 lb bales	D	.30	: .39
Cascara Sagrada, bales	D	.14	: .14 1/2
Cascarilla Bark, quills bales	D	.30	: .35
Siftings, bbls	D	.20	: .25
Cassia Buds, 66 lb cases	D	.15	: .16
China, select, mats cases	D	.06 1/2	: .08
Saigon, assort. bales	D	.24	: .27
Cassia Fistula, baskets	D	.10	: .11
Castor Beans, bags	D	.03	: .03 1/2
Castoreum, 1 lb bot.	D	4.00	: 4.50
Catechu Gum, bags	D	.09	: .10
Catnip Herb, bales	D	.12	: .15
Celery Seed, 250 lb bags	D	.23	: .23 1/2
Cerisin Wax, white bags	D	.08 1/2	: .09
Yellow, 200 lb bags	D	.07 1/2	: .08
CHAMOMILE FLOWERS, Roman			
bales	D	1.20	: 1.25
Hung. cases bales	D	.18	: .19
Charcoal Willow, powd. bbls	D	.06	: .06 1/2
Wood, powd. bbls	D	.04	: .05
Chestnut Bark, bags	D	.07	: .08
Herb, bales	D	.06	: .06 1/2
Chicle Gum, bags	D	.80	: 1.00
Chiretta, bales	D	.13	: .14
Cinchona Bark, red quills bales	D	.50	: .55
Broken, bales	D	.16	: .17
Cinnamon, Ceylon, bales, bond.	D	.20	: .22
Civet, Abyssin horns	cs	2.75	: 2.85
Clover Tupe, bags	D	.09	: .10
Clover, Zanzibar, 135 lb bales	D	.26	: .27
Amboyas, bales	D	...	: ...
Penang, bales	D	...	: ...

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EXTRACTS

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Crude Drugs

Cochineal, USP boxes.....lb	.40	: .45	Dogwood Bark, Jamaica bags....lb	.10	: .11	Grindelia Robusta Herb, bales...lb	.09	: .10
Coca leaves, Huancayo bags....lb	...	...	Flowers, bales.....lb	...	: .15	Guaiac Gum, 80lb cases.....lb	.45	: .50
Truxillo, bags.....lb	.40	: .45	Doggrass Root, USP, cut bags....lb	.12	: .14	Guarana, tins, cases.....lb	.60	: .75
Cobosh Root, Black bags.....lb	.09	: .09½	Dragons Blood, mass cases....lb	.60	: .62	GUM, see Arabic Gum, etc.		
Blue, bags.....lb	.09	: .09½	Reeds, boxes.....lb	...	: 1.40	HELLEBORE ROOT,		
Colchicum Root, bags.....lb	.08	: .09	ECHINACEA ROOT, bags.....lb	.33	: .34	Black, pwd, bbls.....lb	...	: .14
Seed, bags.....lb	.11	: .12	Elecampane Root, bags.....lb	.09	: .10	White, bags.....lb	.12	: .14
Colombo Root, whole bags.....lb	.02	: .04	Elder Flowers, bales.....lb	.20	: .22	Powdered, 250lb bbls.....lb	.16	: .17
Colocynth, apples, cases, bales...lb	.15	: .20	Elemi Gum, 89lb cases.....lb	.10	: .11	Helonias Root, (unicorn false)		
Pulp, USP, bales.....lb	.45	: .48	Elm, select, 5lb bundles cases...lb	.25	: .27	bags.....lb	...	: .68
Coltsfoot Leaves, bags.....lb	.06	: .07	Grinding, bags.....lb	.10	: .12	Hemp Seed, Manchurian bags....lb	.03½	: .04
Comfrey Root, bags.....lb	.13	: .14	Powdered, bbls.....lb	.14	: .15	Chilian, bags.....lb	...	: .04
Condurango Bark, bales.....lb	.07½	: .08	ERGOT, 150-200lb bags.....lb	.55	: .60	Henbane Leaves, bales, U.S.P....lb	.48	: .58
Conium Seeds, bags.....lb	...	: .16	Eucalyptus Leaves, bales.....lb	...	: .05	Henna Leaves, bales.....lb	.17	: .20
Copaiba Balsam Para, see Balsams			Euphorbia Pilulifera Herb, bags...lb	...	: .20	Powdered.....lb	.22	: .23
Copal Gum.....lb	.12	: .15	Fennel Seed, French bags.....lb	.16½	: .17	Honey, Calif., 120 lb cases.....lb	.10	: .10½
Coriander Seed, Bombay bags....lb	.10	: .11	German, bags.....lb	.21	: .22	Hops, N. Y. prime bales.....lb	.18	: .20
Morocco, bags.....lb	.11	: .12	Flax Seed, whole 180lb bbls.....ea	...	: 12.25	Pacific Coast prime bales.....lb	.16	: .18
Bleached, bags.....lb	.15	: .15½	Ground, 180lb bbls.....lb	.06½	: .07	Horshound Herb, bales.....lb	...	: .11
Corn Silk, bales.....lb	.05	: .05½	Foenugreek Seed, 200lb bags....lb	.07½	: .08	Horetail Rush, bags.....lb	...	: .16
Cotton Root Bark, bales.....lb	...	: .15	Fish Berries, 100-125lb bags....lb	.03½	: .04	India Gum, see Karaya		
Cramp Bark, so-called bales....lb	...	: .08	Fringe Tree Bark, bags.....lb	.17	: .18	INSECT FLOWERS, open whole		
True, bags.....lb	...	: .40	GALANGAL ROOT, bags.....lb	.08	: .09	bales.....lb	...	: .04
Cranebill Root, bags.....lb	.10	: .11	Gambier Gum, bags.....lb	.11½	: .12	Closed whole, bales.....lb	...	: .75
CUBEB BERRIES, XX bags.....lb	.82½	: .85	Galbanum Gum, cans.....lb	1.20	: 1.35	Powdered, pure 200lb bbls....lb	.72	: .75
Powdered, boxes.....lb	...	: .85	Gamboge Gum, 160lb cases.....lb	1.08	: 1.20	Flowers and stems, 50 p. a.		
Culvers Root, bags.....lb	.30	: .35	Gelsemium Root, bags.....lb	.11	: .11½	200lb bbls.....lb	.42	: .43
Cumina Seed, Levant bags.....lb	...	: .30	Gentian Root, bags.....lb	.09	: .09½	Ipecac Root Cartagena, bags....lb	...	: 2.00
Morocco, bags.....lb	.30	: .32	Ginger, African, bales.....lb	.15	: .15½	Powdered, 200lb bbls. boxes...lb	...	: 2.00
Cuttlefish Bone, Trieste, straps..lb	.19	: .20	Jamaica, grinding, bags bbls....lb	.30	: .40	Rio Whole, bags.....lb	...	: .04
Jewellers, large, straps.....lb	.45	: .45	Japan, bags.....lb	.14½	: .15	Powdered, 200lb bbls. boxes...lb	...	: .70
Small, straps.....lb	.35	: .45	Cochin, ABC & lemon, bags....lb	.16	: .17	Isinglass, American, 130lb cs....lb	.65	: .70
French, straps.....lb	.19	: .20	Ginseng Root, cultivated, bags...lb	8.00	: 10.00	Russian, (Beluga) bxs etns....lb	...	: 10.00
Powdered, boxes.....lb	...	: .14	Northwestern Wild, bags.....lb	14.00	: 15.00	JABORANDI LEAVES, bales.....lb	.25	: .26
Broken, boxes.....lb	.07	: .08	Southern Wild, bags.....lb	10.00	: 12.00	Jalap Root, whole 150lb bbls...lb	.35	: .40
Damar Gum, 136lb cases.....lb	.32	: .34	Golden Seal Root, bags.....lb	3.20	: 3.25	Powdered, USP 250lb bbls....lb	.40	: .42
Damiana Leaves, bales.....lb	.12	: .13	Powdered, boxes.....lb	3.55	: 3.65	Japan Wax, 224lb cases.....lb	.15	: .15½
Pandellion Root, Imp., bags....lb	.14	: .15	Grains of Paradise, bags.....lb	.12	: .14	Job's Tears, white bags.....lb	.08	: .09
Deer Tongue Leaves, bales.....lb	.07½	: .08				Juniper Berries, 125lb bags....lb	.03	: .03½
Digitalis Leaves, bales.....lb	.06½	: .08				KAMALA, boxes.....lb	2.75	: 3.00
Dill Seed, bags.....lb	.09½	: .10				Karaya Gum, powdered, bbls....lb	.15	: .20

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Crude Drugs

LADY SLIPPER ROOT, bags....lb	.60	.62	Musk, pods Cabardine, tins....oz	16.00	17.00	Patchouli Leaves, bales.....lb	.22	.25
Larkspur Seed, bags.....lb	.39	.41	Tonquin.....oz	22.00	25.00	Pepper, black Sling, bags.....lb	.10½	.11
Laurel Leaves, bales.....lb	.04½	.05	Grain Cab.....oz	25.00	26.00	White, bags.....lb	.14	.14½
Lavender Flowers, Ordinary....lb	.25	.32	Tonquin.....oz	35.00	38.00	Peppers, red Mombasa bags.....lb	.28	.29
Selected.....lb	.35	.37	Synthetic, see Chemicals.....			Cherries, bags.....lb	.16½	.17
Leeches, tubs.....Per 100	7.00	7.50	Musk Root, Russian bags.....lb			Bombay, bags.....lb	.14½	.15
Lemon Peel, bags.....lb	.09	.10	Mustard Seed, Bari brown bags....lb	.08½	.09	Japan, bags.....lb	.28	.30
Licorice Root, Russian whole....lb		.08½	Bombay, brown.....lb	.07	.08	Pennyroyal Herb, bales.....lb	.08	.12
Spanish, natural bales.....lb	.09	.09½	California, brown.....lb	.09	.09½	Peppermint Leaves, imp. bales..lb		.35
Powdered, bbls.....lb	.10	.11	Yellow.....lb		.09	Domestic leaf.....lb	.27	.29
Selected, 2 & 5 lb bundles....lb	.17½	.20	Chinese, yellow.....lb	.04	.04½	Peru Balsam, see Balsams.....		
Cuttings, 125 lb bags.....lb	.07½	.08	English, yellow.....lb	.08½	.09	Pichi Leaves, bags.....lb	.23	.25
Life Everlasting Herbs, bales....lb	.05	.06	Dutch, yellow.....lb	.09	.09½	Pimento, select bags.....lb	.04½	.04½
Lime Juice, clarified bbls.....gal	.50	.60	Danish, yellow.....lb	.08½	.09	Pink Root, true bags.....lb		1.20
Linden Flowers, with leaves, baleslb	.22	.23	Myrrh Gum, select 200 lb cs....lb	.50	.55	Pitch, Burgundy, see Burgundy Pitch		
Without Leaves, bales.....lb	.38	.40	Sorts, cases.....lb	.45	.48	Pleurisy Root, bags.....lb		.22
Liverwort Leaves, bales.....lb	.30	.32	NUTGALLS, Chinese bags.....lb	.15	.16	Plantain Leaves, bales.....lb		.15
Lobelia Herb, bales.....lb		.15	Aleppy, bags.....lb	.14	.15	Poke Root, bags.....lb		.07
Lobelia Seed, bags.....lb	.55	.60	Nutmegs, 110s cases.....lb	.24	.25	Pomegranate Bark, of root bags..lb		.30
Lorag Root, Imported, bags.....lb		.25	75s, 80s cases.....lb	.26	.27	Of Fruit, bags.....lb		.30
Lupulin, boxes.....lb	1.40	1.50	Nux Vomica Buttons, bags.....lb	.07	.07½	Of tree.....lb		.30
Domestic.....lb	1.30	1.40	Powdered, 200 lb bbls.....lb	.11	.11½	Poppy Flowers, red bags.....lb	.30	.35
Lycopodium, 88 lb cs.....lb	.40	.42	OAK BARK, red bags.....lb	.05	.06	Poppy Seed, Dutch, bags.....lb	.13	.13½
WACE, Stauw, No. 1 cases.....lb	.44	.45	White, bags.....lb	.05	.06	German, bags.....lb	.11½	.12
Banda, No. 1 cases.....lb	.46	.47	Olibanum Gum, sift 280 lb cases..lb	.10	.11	Turkish, bags.....lb	.08	.08
Batavia, cases.....lb	.38	.39	Tears, 280 lb cases.....lb	.14	.15	Blue Indian, bags.....lb	.08	.08½
Malva Flowers, blue bales.....lb	.35	.38	No. 1, all white, 280 lb cases	.24	.30	White Indian, bags.....lb	.07	.07½
Black, bales.....lb	.65	.75	Opium, gum USP cases.....lb		6.75	Prickly Ash Bark Southern, bags lb	.14	.14½
Manna, large flake cases.....lb	.58	.60	Granular, cases.....lb		7.75	Northern, bags.....lb	.14	.14½
Small flake, cases.....lb	.35	.36	Powdered, USP cans.....lb		7.75	Prickly Ash Berries, bags.....lb	.11	.13
Sorts, cases.....lb	.33	.35	Orange Flowers, cases.....lb		1.00	Prine's Pine, bales.....lb	.14	.15
Mandrake Root, bags.....lb		.13	Orange Peel, bitter bags.....lb	.06	.06½	Pulsatilla Herb, bags.....lb	.37	.40
Mastic Gum, 120 lb cases.....lb	.45	.48	Sweet, bags.....lb	.06½	.07	Pumpkin Seed, bags.....lb	.09	.12
Meserion Bark, bags.....lb	.11	.12	Orris Root Florentine bold bags lb	.07	.08	QUASSIA CHIPS, bags.....lb	.07½	.08
Matteo Leaves, bales.....lb	.18	.20	Verona, bags.....lb	.05	.06	Queen of the Meadow Herb, bags..lb	.06	.06½
Marjoram Leaves, German bales..lb	.17	.18	Powdered, 200 lb bbls.....lb	.08	.09	Quince Seed, bags.....lb	1.60	1.65
French, bales.....lb	.15	.15½	Fingers, cases.....lb	.85	.70	RAPE SEED, South Amer. bags..lb	.08½	.07½
Millet Seed, dom. yellow bags....lb	.03½	.05	Ozokerite Wax, brown hard bags..lb	.22	.24	Dutch, bags.....lb	.08½	.08½
Montan. Wax, crude bags.....lb	.04½	.05	Green, hard bags.....lb	.25	.26	Japanese, small, bags.....lb	.06½	.07½
Bleached.....lb			Refined, yellow bags.....lb			Raspberries, dried boxes.....lb	.35	.40
Moss, Iceland bales.....lb	.68	.69	PAPRIKA, bags.....lb	.16	.24	Red Saunders.....lb	.17	.19
Irish, bleached bales.....lb	.07	.09	Hungarian.....lb	.27	.28	Rhatany Root, bags.....lb	.10	.11
Mullein Flowers, tins.....lb	.55	.60	Pardra Brava Root, bags.....lb	.19	.20	RHUBARB, H. D. cases.....lb	.42	.43
			Parsley Seed, bags.....lb	.08½	.09	Powdered, 200 lb bbls.....lb	.46	.48
						Rosemary Leaves, bales.....lb	.04	.05



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Rosemary Flowers, cases bales...	.38 : .39	Snake Root, Canada natural bags...	.32 : .33	Tragacanth Gum, No. 1, ribbon,	
Rose Petals, pale .....	.22 : .25	Striped, bags .....	.55	200 lb. ca.	1.70 : 1.75
Red .....	.60	SOAP BARK, whole, 150-200 lb.		No. 2 to No. 6, cases	1.00 : 1.50
Rue Herb, bales .....	.30 : .35	bales .....	.07 1/4 : .08	Powdered, 50 lb. boxes	1.00 : 1.50
SABADILLA SEED, bags .....	.12	Cut, 125-175 lb. bags .....	.08 : .08 1/4	Turkish, cases .....	.75 : .90
Powder, bbls. ....	.16 1/2 : .17	Crushed, 200 lb. bbls. ....	.08 1/4 : .09	Turmeric Root, Madras bags .....	.09 1/4 : .09 1/2
Saffron Flowers, Amer. bales	1.25 : 1.30	Powdered, 200 lb. bbls. ....	.13 : .14	Aleppy, bags .....	.07 1/2 : .08
Valencia, 1 lb. cans. ....	.45.00	Spearmint Leaves, American bales .....	.23 : .24	China, bags .....	.06 : .07
Sage, Dalmatian bales .....	.05 1/2 : .06 1/2	Spermaceti, blocks cakes cases .....	.38 : .37	Turpentine, Venice, true 80 lb. ca. ....	.20 : .22
Greek, bales .....	.05 1/2 : .06	Spikenard Root, bags .....	.15 : .16	Artificial, 80 lb. cases .....	.14 : .15
Spanish, bales .....	.03 : .04	Spruce Gum, boxes	1.00 : 1.50	Spirits, see Naval Stores	
Sandalwood, chips bags .....	.35	Squaw Vine, bales .....	.17	UNICORN ROOT, false, see Helonias	
Ground, bags .....	.40	Squill Root, white bags .....	.04	True, see Aletris	
Sandarac Gum, 300 lb. bbls. ....	.23 : .25	Stavesacre Seed, bags .....	.28 : .29	Uva Ursi Leaves, bales .....	.05 1/2 : .06 1/2
Sarsaparilla, Honduras bales .....	.85	Stillingia Root, bags .....	.09 1/4 : .10	VALERIAN ROOT, Belgian bags .....	.12 : .13
Mexican, bales .....	.22 : .23	Stone Root, bags .....	.09 : .10	Cuba cases	7.50 : 10.00
Sassafras Bark, ordinary bales .....	.12 : .14	Storax, liquid artif. ....	.70 : .75	Bourbon, cases	6.50 : 7.00
Select, bales .....	.25 : .30	Gen. USP .....	.90 : 1.00	South American, cases	3.00 : 3.25
Savory Leaves, bales .....	.09 1/4 : .10	St. Ignatius Beans, bags .....	.22 : .23	Tabiti, yellow label cases	6.00 : 6.50
Saw Palmetto Berries, bags .....	.12 : .13	St. John's Bread, bags .....	.04 : .06	Green Label cases	1.80 : 2.00
Scammony Resin, boxes .....	.95 : 1.00	Stramonium Leaves, bales .....	.06 1/4 : .07	Violet Flowers, bags .....	.65 : .70
Scammony Root, bags .....	.06 : .07	Stramonium Seed, bags .....	.12 : .13	WANOO BARK, of root bags	1.10 : 1.25
Senna Root, bags .....	.74 : .75	Strophanthus Seed, Hispidus .....	.30 : .35	Of Tree, bags .....	.40 : .43
SENNA, Alex, 150 lb. cases .....	.30 : .31	Kombe, bags .....	.30 : .35	White Pine Bark, rounded, bags .....	.08 : .07
Half Leaf, 350 lb. bales .....	.14 : .17	Sunflower Seed, domestic bags .....	.07 : .07 1/2	White Poplar Bark, bags .....	.04 : .05
Siftings, 400 lb. bales .....	.09 : .09 1/4	South American, bags .....	.06 1/4 : .07	Wild Cherry Bark, thin green	
Powdered, 200 lb. bbls. ....	.12 : .13	TAGALDER BARK, bags .....	.05 : .05 1/4	Rosned, bales .....	.10 : .13
Tincture, 350 lb. bales .....	.11 : .13	Tamarinds, bbls. ....	.04 1/4 : .04 1/2	Thick Rosned, bales .....	.07 : .07 1/4
Grinding, 350 lb. bales .....	.05 : .05	Kegs	3.25 : 3.50	Thin Natural, bales .....	.09 : .09 1/4
Powdered, 200 lb. bbls. ....	.08 : .08 1/4	Tansy Herb, bales .....	.14 : .15	Thick Natural, bales .....	.04 1/4 : .05
Pods, 350 lb. bales .....	.06 : .06 1/4	Tar, Barbadoes, 50 gal. bbls. gal.	1.60 : 1.75	Willow, bark bags .....	.08 : .06
Serpentaria Root, bags .....	.90 : .92	Thus Gum, 280 lb. bbls. ....	.05 : .05 1/4	White, bags .....	.15
Shellac, T.N., bags .....	.79 : .80	Thyme, Spanish bales .....	.08	Witch Hazel Bark, bags .....	.06
Superfine Orange, bags .....	.89 : .90	French, bales .....	.11	Witch Hazel Leaves, bales .....	.07 1/4
D. C., bags	1.00	TILLIA .See Linden		Worm Seed, American bags .....	.08 1/4 : .09
V. S. O., cases .....	.95	Tolu Balsam, see Balsams		Levant bags	4.00
Pwd. reg., 350 lb. bbls. ....	.88 : .90	Tonga Bark, bags .....	.30 : .31	Wormwood Herb, imported bales .....	.09
Regular Bleached, 350 lb. bbls. ....	.90	Tonka Beans, Angostura cases	2.10 : 2.25	Yacca Gum, red .....	.04 : .04 1/4
Bone, Dry, 350 lb. bbls. ....	.92	Para, cases .....	.80 : .85	Ground .....	.05 1/2 : .06 1/4
Simaruba Bark, bales .....	.11 : .13	Surinam, cases .....	.85 : .95	YELLOW DOCK ROOT, bags .....	.13 : .15
Sideritis Herb, cut bags .....	.22			Yellow Parilla Root, bags .....	.16 : .17
Skullcap Leaves, bales38			Yerba Santa, bags10 : .11
Sloe Berries, bags93 : .94			Zedoary Root, bags10 : .11

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Sweet, 56 lb. cans.	.37	.40
Peach Kernel, 55 lb. tins.	.25	.37
Apricot, see Peach Kernel		
Amber, crude 25 lb. tins.	.65	.68
Rectified, 25 lb. tins.	.90	1.00
Angelica Root, 1 lb. bot.	38.00	39.00
Seed, 1 lb. bot.	36.00	38.00
ANISE, Tech., 66 lb. case.	.47	.50
USP 50 lb. tins.	.52½	.55
Bay, 25 lb. tins.	2.45	2.55
Bergamot, USP, 25 lb. coppers.	2.60	2.85
Artificial, 25 lb. cans.	2.00	2.25
Birch Tar, rect. 5 lb. bot.	1.10	1.15
Crude, 50 lb. tins.	.60	.65
Bola de Rosa, 25 lb. tins.	2.30	2.80
Cade, USP, 25 lb. tins.	.45	.50
USP, 5 lb. bot.	.55	.60
Cajuput, native, 50 lb. tins.	.80	.85
Calamus, 5 lb. bot.	4.25	4.75
Camphor, heavy, 1000 lb. drums.	.11½	.12
Japanese, white, 72 lb. cases.	.15	.17
White, 1000 lb. drums.	.14½	.15
Cananga, Native 25 lb. tins.	2.25	2.50
Rectified, 25 lb. tins.	2.50	2.75
Caraway, USP, 50 lb. cans.	5.50	6.00
Cardamom, USP, 1 lb. bot.	15.00	20.00
Carrol, 5 lb. bot.	8.50	9.00
CASSIA, 75-80 p.c. 66 lb. cases.	1.75	1.80
Redistilled, USP, 50 lb. cans.	2.10	2.15
Cedar Leaf, 50 lb. tins.	.85	1.00
Cedar Wood, light 1000 lb. drums.	.25	.36
Celery, 1 lb. bot.	8.50	9.00
Cinnamon, Ceylon 1 lb. bot.	12.00	15.00
Leaf, 5 lb. bot.	...	2.00
CITRONELLA, Ceylon, 1000 lb. drs.	.72	.73
50 lb. tins.	.74	.75
Java, 400 lb. drums.	...	.85
50 lb. tins.	...	.37½
Cloves, USP, 50 lb. cans.	2.00	2.10
6 lb. bot.	2.10	2.20

Copaiba, USP, 50 lb. tins.	.35	.40
Coriander, USP, 1 lb. bot.	20.00	22.00
Croton, USP 25 lb. tins.	1.00	1.10
Cubebs, USP, 5 lb. bot.	6.00	6.25
Cumin, 1 lb. bot.	12.50	15.00
Dill, 1 lb. bot.	4.75	5.00
Erigeron, 20 lb. tins.	.85	.90
EUCALYPTUS, Austl. USP		
56 lb. cs.	.45	.47½
500 lb. drums.	...	.45
Fennel USP, 25 lb. tins.	1.10	1.25
Geranium, Algerian, 25 lb. tins.	7.75	8.50
Bourbon, 25 lb. tins.	6.00	6.25
Turkish, 25 lb. tins.	...	4.50
Ginger, 1 lb. bot.	5.25	5.50
Gingergrass, 25 lb. tins.	2.75	3.00
Hemlock, 50 lb. cans.	...	1.65
Juniper Berries, USP 25 lb. tins.	1.10	1.25
Wood, 50 lb. tins.	.50	.60
Lavender, USP, 25 lb. tins.	2.75	3.50
Spike, Spanish 50 lb. cans.	.70	.80
LEMONGRASS, Ital. USP, 25 lb. tins.	.70	.80
American, USP, 25 lb. tins.	.70	.80
Lemongrass, native, 50 lb. cans.	.80	.85
Limes, express 25 lb. tins.	1.75	1.80
Distilled, 25 lb. tins.	.55	.60
Linaloe, Mex. 50 lb. cans.	2.15	2.35
Mace, distilled 50 lb. tins.	...	.90
Mirbane, ref., see Ar. Chemicals		
Mustard, USP, 1 lb. bot.	...	17.00
Artif., USP, 5 lb. bot.	2.75	2.80
Neroli, Bigrade, ¼ and 1 lb. bot.	75.00	100.00
Petale, 1 lb. bot.	90.00	115.00
Artificial, 1 lb. bot.	10.00	25.00
Nutmeg, USP, 25 lb. tins.	...	.90
Orange, bitter 25 lb. tins.	1.90	2.00
Sweet, W. Ind., 25 lb. tins.	2.35	2.50
Italian, 25 lb. cop.	2.60	2.75
American, 25 lb. tins.	2.65	2.70
Origanum, 50 lb. cans.	.30	.35
Parsley, 1 lb. bot.	3.50	4.00
Patchouli, 5 lb. bot.	8.00	8.50
Peppercorn, dom 25 lb. tins.	1.95	2.25
Imported, 25 lb. tins.	1.45	1.75
PEPPERMINT, nat. 60 lb. cases.	2.85	2.95
Redist., USP, 60 lb. cases.	3.10	3.20

Petit Grain, S. Am. 25 lb. tins.	1.60	1.75
French, 1 lb. bot.	6.50	7.00
Pimento, 25 lb. tins.	1.75	1.90
Pinus Sylvestris, 25 lb. tins.	...	1.75
Pamilio, USP 25 lb. tins.	...	2.75
Rose, Fr., 8, 16 & 32 oz. pgs. cs.	...	9.00
Bulg., 8, 16 & 32 oz. pgs. cs.	5.50	6.00
Artificial, 1 lb. bot.	2.00	3.00
Rosemary, USP, 27½ lb. tins.	.45	.48
1000 lb. drums.	...	.45
Tech., 27½ lb. tins.	...	.45
Rue, 1 lb. bot.	...	4.25
Sandalwood, E. Ind. USP, 76 lb. cases.	7.50	8.00
W. Indian, (Amryis) 25 lb. tins.	3.75	3.90
Sassafras, USP 50 lb. cans.	.85	.90
Artificial, 63 lb. cans, 1000 lb. drs.	.42	.45
Savin, 5 lb. tins.	3.25	3.50
Spearmint, USP 60 lb. cases.	2.40	2.50
Spruce, 50 lb. tins.	...	1.45
Tanay Amer., 20 lb. tins.	7.50	8.00
Tar, 50 gal. bbls.	.24	.25
Refined, USP 25 lb. tins.	...	...
Thyme, red, USP 25 lb. tins.	.90	1.00
White, USP 25 lb. tins.	1.10	1.15
Crude, 110 lb. drums.	.85	.90
Vetiver, Bourbon 1 lb. bot.	5.50	6.00
Java, 1 lb. bot.	24.00	27.00
Wine, heavy 1 lb. bot.	...	2.75
WINTERGREEN.		
Sweet bch, 25 lb. tins.	2.00	2.00
Gaultheria, true 25 lb. tins.	4.00	7.00
Synthetic, USP, 50 lb. cans.	...	.57
Wormseed, Balt., USP, 25 lb. tins.	4.15	4.25
Wormwood, dom., 25 lb. tins.	6.50	7.00
Ylang Ylang, Bourbon 10 lb. tins.	6.50	7.00
Manila, 1 lb. bot.	36.00	35.00
Artificial, 1 lb. bot.	10.00	12.00
OLEORESINS		
Aspidium, USP 1 lb. bot.	2.75	3.00
Capicub, USP, 5 lb. bot.	2.25	2.50
Cubeb, USP, 1 lb. bot.	4.75	5.00
Ginger, 5 lb. bot.	2.50	2.65
Malefern, See Aspidium		
Oris, 1 lb. bot.	...	15.00
Pepper, black, USP, 1 lb. bot.	3.50	4.00
Vanilla, 1 lb. bot.	9.00	9.50

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Anethol, 2 lb. bot.....	1.60	: 2.00	Cinnamic Acid, 5 lb. cans.....	2.75	: 3.00
Borneol, 1 lb. bot.....	...	: 3.50	Cinnamic Alcohol, liquid 1 lb. bot. m	10.00	: 12.00
Citronellal, 1 lb. bot.....	4.50	: 4.75	Crystallizable.....	12.00	: 15.00
CITRAL, 25 lb. cans.....	2.75	: 3.00	Cinnamic Aldehyde, 1 lb. bot.....	3.20	: 3.50
EUCALYPTOL, USP, 25 lb. cans..	.80	: .85	CITRONELLOL, 1 lb. bot.....	8.00	: 18.00
Eugenol, USP, 25 lb. cans.....	3.30	: 3.75	COUMARIN, 25 lb. cans.....	4.00	: 4.25
Geraniol, Domestic, 50 lb. cans..	2.75	: 3.00	Resale.....	3.90	: 4.00
Imported, 5 lb. bot.....	2.75	: 3.00	DIETHYL PHTHALATE, 25 lb. cans	.85	: .90
Iso-Eugenol, 1 lb. bot.....	4.25	: 4.50	Diphenyl oxide, 25 lb. tins.....	.85	: .90
Imported.....	6.50	: 7.00	Ethyl Acetate, pure, 5 lb. bot.....	.45	: .50
Linalool, 5 lb. bot.....	7.00	: 7.25	Ethyl Benzoate, 5 lb. bot.....	1.85	: 2.00
MENTHOL, 60 lb. cases.....	...	: 8.25	Ethyl Butyrate, 5 lb. bot.....	2.00	: 2.25
Less cases, 5 lb. cans.....	8.40	: 8.50	Ethyl Cinnamate, 1 lb. bot.....	4.50	: 5.00
Rhodinol, 1 lb. bot.....	15.00	: 20.00	Ethyl Formate, 5 lb. bot.....	.95	: 1.00
SAFROL, 60 lb. cans.....	.55	: .60	Ethyl Valerate, 5 lb. bot.....	4.50	: 4.75
Thymol, USP, 10 lb. cans.....	3.70	: 3.85	Formic Ether, See Ethyl Formate		
SYNTHETIC AROMATICS			Geranyl Acetate, 1 lb. bot.....	4.25	: 4.75
Acetaldehyde, 50% sol pure, 5 lb. bot. lb	1.75	: 2.00	Heliotropin, dom., 10 lb. bot.....	1.80	: 2.25
Acetophenone CP, 1 lb. bot.....	4.00	: 4.25	Imported.....	2.25	: 2.75
Amyl Acetate, pure, 5 gal cans. gal	5.00	: 6.00	Indol, CP, 1 oz. bot.....	8.50	: 9.00
Amyl Butyrate, 1 lb. bot.....	2.00	: 2.10	Ionone, 1 lb. bot.....	5.00	: 9.00
Amyl Formate, 1 lb. bot.....	1.75	: 2.00	Alfa.....	10.00	: 12.00
AMYL SALICYLATE, 100 lb. chys. lb	1.45	: 1.60	Beta.....	9.00	: 11.00
Anisic Aldehyde, 1 lb. bot.....	3.40	: 4.00	Methyl.....	12.50	: 15.00
BENZALDEHYDE, USP, 40 lb. chys. lb	1.40	: 1.50	Linalyl Acetate, 1 lb. bot.....	7.00	: 10.00
FFC, 40 lb. chys.....	1.60	: 1.70	Linalyl Benzoate, 1 lb. bot.....	13.00	: 14.00
Benzoin Ether, See Ethyl Benzoate			METHYL ANTHRANILATE, 1 lb. bot. lb	3.75	: 4.25
Benzyl Acetate, 100 lb. chys.....	1.25	: 1.40	Methyl Cinnamate, 1 lb. bot.....	4.00	: 4.50
Benzyl Alcohol, 5 lb. bot.....	1.50	: 1.75	Methyl Paracresol, 1 lb. bot.....	8.00	: 9.00
BENZYL BENZOATE, 5 lb. bot.....	1.65	: 1.75	METHYL SALICYLATE, USP 500 lb		
Medicinal FFC.....	1.75	: 2.00	drums.....	...	: .55
Benzyl Formate, 1 lb. bot.....	2.50	: 3.00	50 lb. cases.....	...	: .57
Bromostrol, 25 lb. kegs.....	4.00	: 4.25	Second Hands.....	...	: .51
Butyric Ether, See Ethyl Butyrate			Mirbane, rect. 1000 lb. drums.....	.12 1/2	: .14
			Musk Ambrette, 1 lb. cans.....	14.50	: 16.50
			Musk Ketone, 1 lb. cans.....	13.00	: 14.00
			Musk Xylene, 5 lb. cans.....	3.00	: 3.25
			Nerolin, 1 lb. cans.....	1.75	: 2.00
			Phenylacetaldehyde, 85 p.c. 1 lb. bot. lb	12.50	: 15.00
			50 p.c.....	6.00	: 8.00
			Phenylacetic Acid, 1 lb. bot.....	3.00	: 4.00
			PHENYLETHYLALCOHOL dom.....		
			1 lb. bot.....	7.50	: 9.00
			Imported.....	10.00	: 12.00

Phenylpropylalcohol, 1 lb. bot.....	15.00	: 16.00
TERPINEOL, CP, 1000 lb. drums. lb	.53	: .55
Cans 50 lb.....	.58	: .60
Imported, 25 lb. cans.....	...	: 1.80
Terpinyl Acetate, 25 lb. cans.....	1.65	: 1.85
VANILLIN, USP, 400 oz cans. oz	.41	: .41 1/2
Cans, 16 oz., 80 oz.....	.41 1/2	: .42 1/2
Valerianic Ether, See Ethyl Valerate		
Yara Yara, 1 lb. cans.....	2.00	: 2.50

PERFUMERS' SUNDRIES

Almond Meal, 25 lb. cans.....	.28	: .30
Ambergris, black, bxs.....	...	: 8.00
Ambergris, gray, bxs.....	...	: 28.00
Balsam Copaiba, Para, 80 lb. cases lb	.23	: .24
South American, 80 lb. cases.....	.28	: .29
Balsam Peru, 80 lb. cases.....	2.00	: 2.10
Balsam Tolu, 80 lb. cases.....	.75	: .80
Benzoin Gum, Siam, bxs.....	1.00	: 1.10
Castoreum, 1 lb. bot.....	4.00	: 4.50
Chalk, precip. light, 175 lb. bbls. lb	.04 1/2	: .05
Cherry Laurel Water, 5 gal cans. gal	1.15	: 1.25
Civet Abyssin, horns.....	2.75	: 3.75
Labdanum, 5 lb. bot.....	...	: 8.00
Lanolin hydrous, 350 lb. bbls.....	.21	: .22
Anhydrous, 350 lb. bbls.....	.23	: .24
Musk pods, Cabardine, tins.....	16.00	: 17.00
Tonquin, tins.....	22.00	: 25.00
Grains, Cabardine, tins.....	25.00	: 26.00
Tonquin, tins.....	35.00	: 38.00
Synthetic, See Aromatic Chemicals		
Orris Rt. Flor., powder. bbls.....	.09	: .11
Verona, bbls.....	.08	: .09
Petrolatum, snow white, 350 lb. bbls lb	...	: 12 1/2
Light Amber, 350 lb. bbls.....	.04	: .04 1/2
Rice Starch, 140 lb. bgs.....	.09	: .10
Rose Water, 5 gal chys.....	.35	: .40
Sandalwood chips, powd., bags.....	1.25	: 1.50
Saponin, 5 lb. tins.....	42.00	: 55.00
Talc Italian, 220 lb. bgs.....	32.00	: 45.00
Talc French, 220 lb. bags.....	20.00	: 30.00
Talc, domestic ref., 100 lb. bags.....	...	: 30.00



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ALBUMEN—Products, 23 pkgs., Hallgarten & Co., Hamburg

ALOES—11 cs., Suzarte & Whitney, Curacao

ALUMINUM—Sulfate, 90 csks., Roessler & Hasslacher Chem. Co., Rotterdam; 64 csks., Globe Shpg. Co., Rotterdam

AMMONIUM—Carbonate, 25 cs., Brown Bros. & Co., Liverpool; 15 csks., J. Turner & Co., Liverpool; Chloride, 20 cs., Wing & Evans, Liverpool; Nitrate, 2,087 csks., Order, Hamburg; Sulfate, 3,500 bgs., Order, Halifax

ANTIMONY—Sulfide, 7 csks., F. B. Vandegrift & Co.

ARGOLS—33 csks., Tartar Chem. Wks., Naples

ARSENIC FLOUR—250 bbls., Chem. Nat. Bk., Hamburg

ARSENIC—70 bbls., Bengol Trdg. Co., Hamburg; 100 csks., Order, Hamburg; 64 csks., Brown Bros. & Co., Bordeaux; 54 csks., F. Berk & Co., Rotterdam; 595 cs., 7 drs., Chipman Chem. Engineering Co., Tokyo; White, 125 bbls., Brown Bros. & Co., Antwerp; 150 cs., P. E. Falkingham, Kobe; 228 cs., F. Taylor & Co., Kobe; 80 cs., Amer. Trdg. Co., Yokohama

BALSAM—25 cs., Hamberger Polhemus Co., La Libertad; 12 cs., G. Olcott, La Libertad

BARIUM—Chloride, 27 csks., Order, Bremerhaven; Sulfate, 117 csks., Order, Liverpool; Superoxide, 123 kgs., W. A. Brown & Co., Rotterdam

BARK—11,316 bbls., Tannin Corp., Durban; Cinchona, 291 bbls., Order, Rotterdam; 5 cs., Standard Bank of So. Africa, Rotterdam; Mangrove, 2,188 bgs., Nor. Am. Line, Bergen; 1 bg., W. Schall & Co., Baracoa; Wattle, 500 bgs., Friedlang Leather Co., Durban

BARIUM—Carbonate, 300 bgs., P. Ulrich Co., Rotterdam; 250 bgs., H. Kastor, Rotterdam

BISMUTH METAL—5 cs., Order, Southampton; 4 cs., Hendricks Bros., Inc., Southampton

BONE PHOSPHATE—Precipitated, 1,000 bgs., Order, Antwerp

BUTTON LAC—113 bgs., 26 cs., Order, Calcutta

CALCIUM—Chloride, 285 drs., Irving Nat. Bank, Hamburg

CAMPBOR—200 cs., Suzuki & Co., Shanghai

CARBON—98 cs., P. H. Petry & Co., Hamburg; 982 bgs., Amer. Abrasive Co., Bordeaux; Decolorizing, 442 bgs., L. A. Salomon & Bro., Rotterdam

CASEIN—700 csks., Equitable Trust Co., Wellington; 683 csks., Order, Auckland; 1,418 bgs., Natl. City Bank, Buenos Aires; 1,000 bgs., Lee Higginson & Co., Melbourne

CHALK—800 bgs., Order, Bordeaux; 1,150 pgs., Bankers Trust Co., Antwerp; Powdered, 1,000 bgs., Bankers Trust Co., Antwerp

CHEMICAL SALTS—49 csks., Chaplain & Bibbo, Rotterdam

CINCHONIDINE—5 cs., R. W. Greeff & Co., Rotterdam; 5 cs., Mallinckrodt Chem. Wks., Rotterdam; 20 cs., Powers-Weightman-Rosengarten Co., Rotterdam; 6 cs., W. Van Doorn, Rotterdam

CLAY—Raw, 65 csks., J. Goebel & Co., Bremerhaven

COLORS—2 cs., Favor Ruhl & Co., Hamburg; 3 csks., Franklin Imp. & Exp. Co., Hamburg; 4 csks., Kuttroff Pickhardt & Co., Hamburg; 200 cs., Order, Hamburg; 1 csk., Carbic Color & Chem. Co., Buenos Aires; 3 csks., L. R. Organic Products Co., Rotterdam; 2 csks., H. A. Metz & Co., Rotterdam; 47 pkgs., Kuttroff Pickhardt & Co., Rotterdam; 12 bbls., W. Van Doorn, Rotterdam; 5 csks., 1 cse., Hensel Bruckmann & Lorbacher, Rotterdam; 2 bbls., Order, Bordeaux; 1 csk., 1 bx., B. F. Drakenfeld & Co., Liverpool; 8 kgs., Order, Liverpool; 2 cylinders, 12 csks., Sandoz Chem. Wks., Antwerp; 5 csks., Geigy Co., Antwerp; 1 csk., N. Y. Color & Chem. Co., Rotterdam; 7 csks., Kuttroff Pickhardt & Co., Rotterdam; 12 csks., Grasselli Chem. Co., Rotterdam; 1 cse., H. A. Metz & Co., Rotterdam; 1 csk., Bachmeier & Co., Rotterdam; 10 csks., Kuttroff Pickhardt & Co., Rotterdam; 2 csks., W. F. Sykes & Co., Rotterdam; 6 cs., B. Bernard, Rotterdam; 35 cs., Kuttroff Pickhardt & Co., Rotterdam; 10 csks., Order, Southampton; 100 csks., Heemsoth Basse Co., Havre; Alizarine, 5 csks., Kuttroff Pickhardt & Co., Rotterdam; 3 csks., Kuttroff Pickhardt & Co., Rotterdam; 14 csks., Grasselli Chem. Co., Rotterdam; 7 csks., H. A. Metz & Co., Rotterdam; 2 csks., Kuttroff Pickhardt & Co., Rotterdam; 6 cs., 10 csks., Kuttroff Pickhardt & Co., Rotterdam; Bronze Powder, 20 cs., J. E. Mandlik, Hamburg; 23 cs., L. Uhlfelder Co., Bremerhaven; 17 cs., L. Uhlfelder Co., Hamburg; Coal Tar, 1 csk.,

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COPRA-208 bgs., Franklin Baker Co., St. Anns Bay; 82 bgs., Franklin Baker Co., St. Anns Bay
CRESOL-(Para) 2 drs., Brown Bros. Co., Liverpool
CUBES-17 bgs., Order, Rotterdam
DEKOL-5 cks., Kuttroff Pickhardt & Co., Rotterdam
DEXTRINE-750 bgs., F. G. Hall Trdg. Corp., Hamburg; 300 bgs., Spier Simmons & Co., Rotterdam; 30 bgs., Spier Simmons & Co., Rotterdam; 100 bgs., Holland Food Corp., Rotterdam
DIVI DIVI-364 bgs., Eggers & Heinlein, Pampatar
EARTH-Lump, 300 bgs., Order, Leghorn
EPSOM SALTS-367 bgs., Hansa Co., Hamburg; 500 bgs., Brown Bros. & Co., Hamburg
ERGOT-30 bxs., Order, Lisbon; 27 bgs., Comm'l Bank of Spanish Amer., Rotterdam
EXTRACTS-Archil Liquor, 5 cks., A. De Ronde & Co., Liverpool; 10 cks., W. A. Ross Bros., Liverpool; **Ginger**, 28 drs., Allied Drug & Chem. Corp., Havana; 112 drs., Allied Drug Co., Havana; **Logwood**, 70 bbls., Logwood Mfg. Corp., Cape Haitian; **Malt**, 22 cs., Britt. Loeffler & Weil, Rotterdam; **Mangrove Bark**, 2,000 bgs., Order, Singapore; **Quebracho**, 8,455 bgs., J. Kastlin, Shanghai; **Rennet**, 30 kgs., Meadows Wye & Co., Copenhagen; 6 bbls., F. Behrend, Copenhagen; 125 kgs., F. B. Vandegrift & Co., Copenhagen
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GAMBER-157 cs., Order, Singapore
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GLAUBER SALT-500 bgs., A. J. Marcus, Inc., Hamburg
GLUE-20 bgs., Order, Liverpool; 100 bgs., Nat. Gum & Mica Co., London; 80 bgs., Nat. Gum & Mica Co., Liverpool; 85 cs., 20 bbls., British Bank of So. Amer., Antwerp; 62 bbls., E. Miller, Antwerp
GLUESTOCK-111 bbls., 6 bgs., Order, Antwerp
GLYCERIN-60 drs., Order, Genoa; 100 cks., Order, Bordeaux
GUM-512 cs., Order, Hamburg; 74 cs., G. W. S. Patterson & Co., London; **Benjamin**, 5 cs., Order, Hamburg; **Chicle**, 48 bgs., J. A. Medina & Co., Vera Cruz; 84 bgs., J. A. Medina & Co., Vera Cruz; 10 bbls., H. Triest Co., Vera Cruz; **Copal**, 102 bgs., Order, Antwerp; 102 bgs., Chem. Nat. Bank, Antwerp; 120 bgs., Guaranty Trust Co., Singapore; 205 bgs., Central Union Trust Co., Antwerp; 810 bgs., W. Schall & Co., Antwerp; 1,190 bgs., Order, Antwerp; 190 bgs., W. Van Doorn, Rotterdam; 210 bgs., L. C. Gillespie, Singapore; 210 bgs., France Campbell & Darling, Singapore; 316 bgs., Baring Bros. & Co., Singapore; 70 bgs., Chem. Nat. Bank, Singapore; 114 bbls., Brown Bros. & Co., Singapore; 722 bgs., Central Union Trust Co., Antwerp; 830 bgs., Central Union Trust Co., Antwerp; **Damar**, 100 cs., W. H. Scheel, Batavia; 100 cs., L. C. Gillespie & Sons, Batavia; 150 cs., Balfour Williamson & Co., Batavia; 700 cs., Order, Batavia; 100 cs., L. C. Gillespie,

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JUICE-Lime, 150 cs., J. P. Smith & Co., London
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LEAVES-Digitalis, 5 cs., Lehn & Fink, London; **Henbane**, 7 bbls., Nickells Rowland Co., Hamburg; **Stramonium**, 9 bbls., Order, Leghorn
LEECHES-4 cs., Midwood Chem. Co., Bordeaux
LIME-Borate, 6,398 bgs., Pacific Coast Bozax Co., Mejillones
LITHOPONE-100 cks., Pfaltz & Bauer, Bremerhaven; 70 cks., Holland Amer. Line, Rotterdam
LYCOPODIUM-21 cs., Order, Hamburg
MAGNESIUM-Carbonate, 30 bxs., E. J. Barry, Newcastle; **Chloride**, 309 drs., Innis Speiden & Co., Hamburg; **Fluor Silicate**, 47 bbls., Sonneborn & Sons, Hamburg
MANGANESE-Oxide, 5 cks., Order, Liverpool; **Sulfate**, 21 cks., A. Klipstein & Co., Liverpool; 5 cks., Order, Manchester
MANURE SALT-295,014 kilos, Vogel, Hamburg
MENTHOL-13 cs., Stallman Co., London; 50 cs., S. W. Bridges & Co., Kobe; 15 cs., J. D. Davis, Kobe
MYROBALANS-7,642 pkgs., Order, Calcutta
OCHRE-22 bbls., R. F. Lang, Marseilles; 300 bbls., Order, Marseilles
OILS-Cod, 150 cks., Nat. Oil Products Co., St. Johns; **Codliver**, 50 cs., Schieffelin & Co., Bergen; 25 bbls., S. B. Fenick & Co., Bergen; 50 bbls., Lanman & Kemp, Bergen; **Fusel**, 100 bbls., Order, Hamburg; **Nut**, 133 bbls., Order, Liverpool; 600 tons, Arnold Bros., Hankow; 70 bbls., E. F. Drew & Co., Liverpool; **Olive**, 10 bbls., G. Del Guidin, Naples; 7 cks., A. Affronte, Palermo; 10 cks., S. Vaglica, Palermo; 33 cs., S. Spina, Palermo; 26 cks., 88 bxs., Columbo Co., Palermo; 10 cks., Order, Palermo; 50 bbls., Aeolian Imp'tg. Co., Piraeus; 200 bbls., Order, Piraeus; 2 bbls., C. De Stefano, Naples; 15 bbls., A. D'Ostione, Naples; 28 cs., P. De Luccia, Naples; 25 cs., Oceano Shpg. Co., Naples; 9 cs., Gen'l Transportation Co., Naples; 13 pkgs., Gen'l Transport Co., Naples; 3 cs., Gallagher & Ascher, Naples; 20 cs., Order, Naples; 50 cs., Irving Nat. Bank, Barcelona; 100 bbls., Order, Barcelona; 150 bbls., Irving Nat. Bank, Malaga; 100 cs., East River Nat. Bank, Malaga; 100 bbls., Rhode Island Hospital Trust Co., Malaga; 65 bbls., Cent

Comm. Nat. Bank Chicago, Malaga; 5 bbls., Burger Imp. & Exp. Co., Sevilla; 100 bbls., Brown Bros. & Co., Sevilla; 300 cs., Amer. Exch. Nat. Bank, Sevilla; 30 cs., P. Nicola, Naples; 14 cks., P. Giambanco, Palermo; 28 cs., V. Galati, Palermo; 5 cks., V. Puelo, Palermo; 150 bbls., W. Schall & Co., Malaga; 12 bbls., C. D. Mallory & Co., Malaga; 100 bbls., Chem. Nat. Bank, Sevilla; 374 bbls., Bank of the Manhattan Co., Sevilla; **Palm**, 80 cks., D. Bacon, Liverpool; 14 cks., J. H. Rayner & Co., Liverpool; 61 cks., Order, Liverpool; 201 cks., Nat. City Bank, Liverpool; 159 cks., D. Bacon, Liverpool; 26 cks., Niger Co., Liverpool; 74 cks., Order, Liverpool; 217 bbls., African Eastern Trdg. Corp., Hamburg; 25 pkgs., W. Porter & Co., Rotterdam; 891 cks., Order, Antwerp; 160 cks., African & Eastern Trdg. Corp., Port Harcourt; 1,642 cks., Irving Nat. Bank, Burutu; 47 cks., Merc. & Gen'l Commission, Lagos; 137 cks., Grace Bros. & Co., Lagos; 47 cks., Jurgens Col. Products, Ltd., Lagos; 124 cks., Thornett & Fehr, Lagos; 25 cks., Grace Bros. & Co., Iddo; 28 cks., Thornett & Fehr, Iddo; 228 cks., Order, Sierra Leone; 396 pkgs., Nat. City Bank, Liverpool; 466 cks., Niger Co., Liverpool; 38 cks., Order, Liverpool; **Kernal**, 44 cks., Order, Liverpool; 250 bbls., Order, Hull; **Peanut**, 210 cs., Sun Kwon On Co., Hongkong; 300 cs., Koong Yuen Shing, Sourabaya; 5 bbls., E. F. Drew & Co., Hull; **Rapeseed**, 176 bbls., Nat. City Bank, Hull; 150 bbls., Hudson Oil Co., Hull; 1,535 bbls., Vacuum Oil Co., Hull; 706 bbls., Order, Hull; 75 bbls., Nat. City Bank, Hull; **Whale**, 100 cks., Order, Christiania
OILS, ESSENTIAL-1 csc., Dodge & Oleott Co., Bremen; 22 drs., G. Luaders & Co., Malaga; 2 drs., 3 cs., Stallman & Co., Malaga; 9 cs., Ungerer & Co., London; 13 cs., J. W. Lyon Co., Rotterdam; 100 cs., Southern Pacific Co., Bordeaux; 30 cs., Therapeutic Foods Co., Bordeaux; 200 bbls., Mech. & Metals Nat. Bank, Bordeaux; 55 bbls., Peter & De Aliaga, Bordeaux; 25 cks., Amer. Shpg. Co., Bordeaux; 2 cs., Pfaltz & Bauer, Rotterdam; 9 cs., Polaks Frutal Wks., Rotterdam; 6 cs., Rouse Bertrand Fils, Southampton; 5 cs., Orbis Products Trdg. Co., Southampton; **Almond**, 8 cs., Ungerer & Co., London; **Aniseed**, 10 cs., H. W. Peabody & Co., Sourabaya; 10 cs., Order, Canton; **Bergamot**, 45 cs., Order, Messina; **Camphor**, Brown, 150 cs., D. L. Moss & Co., Shanghai; 50 drs., A. Chris & Co., Kobe; **Cassia**, 50 cs., Farmers Loan & Trust Co., Hongkong; **Citronella**, 2 cs., A. Rosenthal & Sons, San Jose; 10 drs., Amer. Exch. Nat. Bank, Colombo; 6 drs., Schulz & Ruckgaber, Rotterdam; **Clove**, 10 cs., J. W. Lyon & Co., Rotterdam; **Lemon Grass**, 4 drs., A. Rosenthal & Sons, San Jose; **Mustard**, Artificial, 10 cs., Magnus Mabec & Reynard, Rotterdam; **Orange**, 74 cs., Order, Messina; 40 cs., Colonial Bank, Jamaica; 156 cs., Park Benziger & Co., Jamaica; **Bitter**, 5 cs., Order, Messina; 16 cs., Order, Jamaica; **Rose**, 17 cs., Brown Bros. & Co., Rotterdam; **Sesame**, 142 bbls., Order, Rotterdam
PAPAIN-3 pkgs., Am. Ferment Co., Colombo; 12 pkgs., Order, Colombo
PEATMOSS-150 bbls., Atkins & Durbrow, Inc., Hamburg; 450 bbls., Atkins & Durbrow, Bremerhaven
PEATMULL-250 bbls., Atkins & Durbrow, Bremerhaven
PIASSAVA-464 bbls., D. Bacon, Liverpool; 1,000 bbls., Oelmichs & Co., Rotterdam; 20 bbls., Eaton Schleib & Woll, Antwerp
PLUMBAGO-300 bbls., Brown Bros. & Co., Colombo
POTASSIUM SALTS-140 cks., Equitable Trust Co., Hamburg; 104 bbls., Equitable Trust Co., Hamburg; **Alum**, 30 cs., Blackburn Trdg. Corp., Hamburg; **Carbonate**, 100 bbls., Order, Hamburg; 17 cks., P. H. Petry & Co., Bremerhaven; 100 bags, Cooper &

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POTATO STARCH—250 bgs., J. Wertheimer & Sons, Rotterdam; 500 bgs., Stein Hall & Co., Rotterdam; 750 bgs., Stein Hall & Co., Rotterdam.

PUMICE STONE—Lump, 760 bgs., R. J. Waddell & Co., Canneto Lipari; 80 csks., 50 bgs., Order, Canneto Lipari; **Powdered**, 624 bgs., R. J. Waddell & Co., Canneto Lipari; 120 bgs., I. Van Amringen & Sons, Canneto Lipari.

QUICKSILVER—1,900 flasks, Order, Sevilla.

QUININE—10 cs., R. W. Greeff & Co., Rotterdam; 50 cs., Amer. Exp. Co., Rotterdam; 25 cs., Mallinckrodt Chem. Works, Rotterdam.

ROOT—24 bls., Order, Hamburg; 20 bgs., J. L. Hopkins & Co., Hamburg; 80 bgs., Peck & Velsor, Hamburg; 53 bls., Chem. Nat. Bank, Rotterdam; **Broom**, 223 pgs., Order, Vera Cruz; **Canagaria**, 35 bgs., Order, Vera Cruz; **Chicory**, 50 bgs., Order, Bremerhaven; **Jalap**, 8 bgs., Order, Vera Cruz; **Gentian**, 109 bls., A. Joensson & Co., Bordeaux; **Orris**, 45 bgs., Order, Leghorn; **Rhubarb**, 15 cs., Lehn & Fink, Shanghai; 40 cs., Anderson Hillier & Co., Shanghai; **Powdered**, 2 cs., Lehn & Fink, London; **Sarsaparilla**, 2 bls., O. Gerdan Co., Cristobal.

ROSIN—23 bls., Mecke & Co., Azua.

SAFFRON, AMERICAN—11 bgs., Order, Vera Cruz.

SAL AMMONIAC—73 bbls., Order, Hamburg.

SALT—560 csks., W. A. Hazard & Co., Liverpool; 80 bgs., Blackburn Trdg. Co., Hamburg; 320 bgs., Blackburn Trdg. Co., Hamburg; 1,950 bgs., Blackburn Trdg. Co., Hamburg; 2,364 bgs., Blackburn Trdg. Co., Hamburg; 918 bgs., Order, Hamburg; 560 csks., W. A. Hazard & Co., Liverpool; **Hide**, 960 bgs., Blackburn Trdg. Co., Hamburg.

SEEDS—10 bgs., Eimer & Amend, Hamburg; 18 bgs., A. Stallmann & Co., Hamburg; 80 bgs., Van Loan & Co., Hamburg; 43 bgs., Order, Hamburg; 10 bgs., Universal Car Loading & Dist. Co., Liverpool; 74 bgs., K. Sevaldsen, Copenhagen; **Annatto**, 23 bgs., Park Benziger & Co., Black River; **Canary**, 150 bgs., A. Dunn, Rotterdam; 150 bgs., Horton Co., Rotterdam; 100 bgs., F. Van Daun, Rotterdam; 178 bgs., Order, Constantinople; **Caraway**, 100 bgs., Levy & Lewis Co., Rotterdam; 250 bgs., Archibald & Lewis Co., Rotterdam; 100 bgs., P. H. Petry & Co., Rotterdam; 100 bgs., Levy & Lewis Co., Rotterdam; 100 bgs., Order, Rotterdam; **Cardamoms**, 15 pgs., Amer. Exch. Nat. Bank, Colombo; 11 pgs., Order, Colombo; 39 cs., R. F. Downing & Co., London; **Colza**, 285 bgs., Order, Antwerp; **Coriander**, 48 bgs., J. I. Toledano & Co., Bordeaux; **Dill**, 57 bgs., Order, London; 170 bgs., Archibald & Lewis Co., Hull; **Fennel**, 20 bgs., Van Loan & Co.,

Hamburg; **Fescue**, 93 csks., R. S. Elliot & Co., Dunedin; 258 csks., Carters Tested Seeds, Inc., Dunedin; **Linseed**, 26,285 bgs., L. Dreyfus & Co., Buenos Aires; 42,097 bgs., Order, Rosario; **Millet**, 65 bls., Order, Leghorn; 200 bgs., Order, Bordeaux; **Mustard**, 150 bgs., Order, London; 250 bgs., First Federal Foreign Bkg. Assoc., Rotterdam; 98 bgs., Catz Amer. Co., Rotterdam; 26 bgs., Catz Amer. Co., Rotterdam; 100 bls., C. E. Armstrong, Rotterdam; 50 bgs., G. Miller Co., Rotterdam; 200 bls., E. Miltenberg, Rotterdam; 125 bgs., Catz Amer. Co., Rotterdam; 200 bgs., Catz Amer. Co., Rotterdam; **Poppy**, 400 bgs., Order, Hamburg; 200 bgs., French Krems Co., Rotterdam; 100 bgs., Christensen Dickel & Co., Rotterdam; 200 bgs., Archibald & Lewis Co., Rotterdam; 100 bgs., E. Miltenberg, Rotterdam; 100 bgs., Levy & Lewis Co., Rotterdam; 100 bgs., B. H. Old Co., Rotterdam; 100 bgs., C. E. Armstrong, Rotterdam; 100 bls., Netherland Corp. for Oversea Trade, Rotterdam; 200 bgs., F. H. Leggett & Co., Rotterdam; 100 bgs., B. H. Old & Co., Rotterdam; 200 bgs., French Krems Co., Rotterdam; 540 bgs., Catz Amer. Co., Rotterdam; 100 bgs., Christensen Dickel & Co., Rotterdam; 300 bls., W. Van Doorn, Rotterdam; 200 bgs., C. Armstrong, Rotterdam; 200 bgs., Netherland Corp. for Oversea Trade, Rotterdam; 100 bgs., F. Bella, Rotterdam; 300 bgs., Archibald & Lewis Co., Rotterdam; 100 bgs., Frame & Co., Rotterdam; 100 bgs., C. E. Armstrong, Rotterdam; 100 bgs., P. H. Petry & Co., Rotterdam; 200 bgs., Starch Products Co., Rotterdam; 200 bls., Habicht & Co., Rotterdam; 300 bls., Meschlag Scheerer & Co., Rotterdam; **Rape**, 1,120 bls., Amer. Exp. Co., Rotterdam; **Sesame**, 300 bgs., W. A. Chang Trdg. Co., Shanghai; **Sugar Beet**, 1,000 bgs., Amer. Exp. Co., Hamburg; 400 bgs., D. C. Andrews, Bremerhaven; 1,000 bgs., Amer. Exp. Co., Rotterdam.

SHELLAC—45 bgs., Order, Hamburg; 100 cs., Helmrath, Inc., Hamburg; 232 cs., Order, Hamburg; 200 bgs., N. Y. Trust Co., Calcutta; 150 bgs., Chase Nat. Bank, Calcutta; 150 cs., First Nat. Bank Boston, Calcutta; 300 bgs., Brown Bros. & Co., Calcutta; 115 bgs., Anglo So. Am. Bank, Calcutta; 300 bgs., First Nat. Bank Boston, Calcutta; 1,504 bgs., Order, Calcutta; 150 bgs., London & Liverpool Bank of Comm., Calcutta; 55 csks., Kalli Bros., Bremerhaven; 25 cs., A. Helmrath, Inc., Bremerhaven; 26 cs., A. Murphy, Rotterdam; 196 bgs., Order, Hamburg; **Garnet Lac**, 1 cs., A. Murphy & Co., Hamburg; 30 bgs., First Nat. Bank Boston, Calcutta; 150 bgs., Brown Bros. & Co., Calcutta; 40 cs., A. Murphy & Co., Hamburg; 62 bgs., Irving Nat. Bank, Hamburg; **Refuse Lac**, 275 bgs., Bank of the Manhattan Co., Calcutta.

SOAP—100 cs., E. Goldberg, Valencia.

SODIUM SALT—**Carbonate**, 6 cs., T. Nevin, London; **Chlorate**, 700 bbls., Monmouth Chem. Co., Hamburg; **Flour**, 167 bbls., Farmers Loan & Trust Co., Hamburg; **Hydrosulfate**, 320 csks., Kuttroff Pickhardt & Co., Rotterdam; 40 kgs., Kuttroff Pickhardt & Co., Liverpool; 80 csks., Kuttroff Pickhardt & Co., Rotterdam; **Hyposulfite**, 85 csks., Order, Hamburg; **Nitrate**, 7,582 bgs.,

Wessel Duval & Co., Iquique; 3,307 csks., Wessel Duval & Co., Antofagasta; 5,219 csks., Wessel Duval & Co., Mejillones; 39 csks., Weisenthal & Co., Hamburg; **Phosphate**, 100 csks., Innis Speiden & Co., Antwerp; **Prussiate**, 22 csks., H. J. Baker Bros., Liverpool; **Silico Fluoride**, 230 bgs., Guaranty Trust Co., Hamburg; **Sulfide**, 250 drs., Order, Hamburg; 38 drs., Chem. Nat. Bank, Hamburg; 49 drs., Order, Hamburg; **Sulfhydrate**, 111 drs., C. S. Grant & Co., Hamburg; 58 drs., C. S. Grant & Co., Hamburg.

SPICES—**Cassia**, 150 bls., Order, Sourabaya; **Chillies**, 150 bls., Furness Withy & Co., Naples; 504 bgs., Frame & Co., Kobe; **Cinnamon**, 168 bls., Amer. Exch. Nat. Bank, Colombo; **Cloves**, 4,950 bls., Furness Withy & Co., Naples; **Ginger**, 110 bgs., W. Schall & Co., Baracoa; 200 bgs., Colonial Bank, Jamaica; 3 bgs., Park Benziger & Co., Black River; 28 bgs., A. S. Lascelles & Co., Montego Bay; 50 csks., Wood & Selick, Sourabaya; 50 csks., Ruykhan Bros., Sourabaya; 226 pgs., B. C. Ritchie, Canton; 34 bgs., Order, Jamaica; **Nutmegs**, 26 cs., 8 bgs., Catz Amer. Co., Rotterdam; 166 cs., L. C. Naisawald & Sons, Rotterdam; **Pepper**, 67 bgs., Order, Hamburg; 140 cs., R. Noelhaufen, Cartagena; 1,336 bgs., African & Eastern Trdg. Co., Sierra Leone; 400 bgs., Order, Singapore; **Pimento**, 657 bgs., W. Schall & Co., Baracoa; 300 bgs., R. Del Castillo, Jamaica; 500 bgs., J. E. Kerr & Co., Black River.

SPONGES—51 bls., Lasker & Bernstein, Havana; 42 bls., J. H. Rhodes & Co., Havana; 75 bls., J. H. Rhodes & Co., Nassau; 71 bls., Lasker & Bernstein, Havana; 70 bls., G. W. Sheldon & Co., Havana; 18 bls., Order, Havana; 2 bls., Lasker & Bernstein, Copenhagen; **Clippings**, 45 bls., J. H. Rhodes & Co., Nassau; **Refuse**, 5 bls., J. H. Rhodes & Co., Havana.

SUMAC—210 bgs., Order, Palermo.

TALC—200 bgs., E. M. & F. Waldo, Bordeaux.

TAPIOCA—105 bgs., Order, Batavia; **Flour**, 309 bgs., Order, Liverpool; 460 bgs., Central Union Trust Co., Batavia; 1,840 bgs., Schulz & Ruckhaber, Batavia; 520 bgs., Order, Batavia; **Pearl**, 675 bgs., Order, Batavia; **Siftings**, 391 bgs., French Krems Co., Batavia.

TARTAR—271 bgs., Amer. Exp. Co., Bordeaux; **Cream**, 110 kgs., 15 bbls., Holland Amer. Line, Rotterdam; 80 bbls., 60 kgs., Guaranty Trust Co., Rotterdam.

VALONIA—2,286 bgs., A. Benadava, Smyrna; 4,583 bgs., Order, Smyrna.

WAX—**Bees**, 50 bgs., 44 cs., Knauth Nachod & Kuhne, Rotterdam; 50 bgs., Order, Havana; 40 bgs., Order, Liverpool; 29 csks., Duncan Fox & Co., Valparaiso; 24 bgs., Order, London; 40 bgs., Order, Liverpool; 77 bgs., Order, Antwerp; 20 bgs., Ka Arabian, Constantinople; **Ceresin**, 50 bgs., Strohmeier & Arpe Co., Rotterdam; **Montan**, 143 bgs., Bengol Trdg. Co., Hamburg; 200 bgs., Bengol Trdg. Co., Hamburg; **Ozokerite**, 135 csks., Strohmeier & Arpe Co., Bremen.

WOOD FLOUR—1,050 bgs., B. L. Soberski, Bergen; 1,501 bgs., Hansa Co., Hamburg.

ZINC—**Bronze**, 2 cs., T. Riessner, Bremen; **Chloride**, 69 csks., Order, Rotterdam.

Secretary Hoover told the House Appropriations Committee considering the third deficiency bill that he favored development of Muscle Shoals, and that he was against government operation. "I would like to see Mr. Ford do it if that would suit anybody," the Secretary said. "I do not know whether Mr. Ford's terms are the terms Congress ought to adopt. I could not speak as to that, but I would like to see anybody who has capital take Muscle Shoals and turn nitrates out of it tomorrow."

John Doughton, for the last eleven years assistant sales manager and advertising manager of the Buffalo Foundry & Machine Co., will devote all of his time, dating from March 1, to his letter and advertising business, as proprietor of the Century Letter Co., 210 Pearl st., Buffalo, N. Y. Mr. Doughton established his circular letter service a year ago but continued with the Buffalo Foundry & Machine Co. until his successor was appointed last week.

The New Jersey Chemical Society held its regular monthly meeting at Achtel-Stetter's, Newark, N. J., on Feb. 12. Dr. Colin G. Fink, Department of Electrical Engineering, Columbia University, New York, gave an interesting address on "Metallurgical Research," and Vice-President Charles P. Titus, East Orange, talked on "Cigarettes Under the Microscope." Mr. Titus is also president of the New York Microscopical Society.

Henry H. Glassie, of Washington, D. C., has been nominated by President Harding to be a member of the Tariff Commission to succeed the former chairman, Thomas W. Page, of Charlottesville, W. Va. The Senate is expected to act upon the nomination before adjournment. Mr. Glassie is a Democrat, originally from Tennessee, who has been practicing law in Washington for twenty years.

William P. Talbot, formerly treasurer and general plant manager of Benjamin Moore & Co., Brooklyn, died at his Brooklyn home Sunday evening, Feb. 18, at the age of seventy-three years, after a short illness.

Wants & Offers

Rate—All classifications, \$1.00 an issue for 20 words or less, additional words, 5c each, per issue.

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A FIRM WITHOUT A CREDIT MAN is offered high calibre personal part time service and advice by well-known drug credit manager for large firm. Will supervise and check credits, establish credit and collection systems, and give the benefit of wide and active experience for a nominal fee. Box 307, DRUG & CHEMICAL MARKETS.

LABORATORY—A LARGE ORGANIZATION ENGAGED IN EXPERIMENTAL WORK DESIRES TO EITHER PURCHASE OR LEASE A CHEMICAL OR DEVELOPMENT LABORATORY LOCATED WITHIN 45 MINUTES OF LOWER NEW YORK. ADDRESS "E. L." P. O. BOX 822, CITY HALL STATION, NEW YORK CITY.

EXPORT TO MEXICO—Spaniard, 35, married, ex-member American Chamber of Commerce, Valparaiso, Chile, will shortly open office in Mexico City as manufacturers' representative and would like to act as agent for manufacturer of heavy chemicals and drugs. Have traveled for several years through Cuba and South America. Address, Spaniard, Box 292, DRUG & CHEMICAL MARKETS.

BUSINESS OPPORTUNITIES

FUNDS available for the trade. Reputation of borrower must be unquestioned otherwise collateral necessary. A. W. Kretschmar, Drugs, Chemicals & Dyestuffs, 396 Broadway, New York.

JAPANESE BUSINESS MAN, American University graduate, is going to Japan early in February; wishes to make use of the opportunity to do some useful service; will represent a concern or undertake some investigation; preferably in chemical and dye business. Address, Box 293, DRUG & CHEMICAL MARKETS.

ACTIVE PARTNER WANTED by an established essential oil and aromatic chemical house of highest reputation which has good foreign connections and requires additional capital and energetic help to take advantage of opportunity for expansion. Box 294, DRUG & CHEMICAL MARKETS.

CRUDE DRUGS—Firm in India, first hand shippers of crude botanical drugs are desirous of getting in touch with American importers of medicinal herbs. Address reply Box 306, DRUG & CHEMICAL MARKETS.

If you manufacture products used in the paint, varnish, ink, paper, rubber, and other industries and which can be sold in Ohio—Address, Box 309, DRUG & CHEMICAL MARKETS.

HELP WANTED

WANTED by old established concern located near New York well trained organic chemist to work into active charge of department manufacturing fine synthetic chemicals and essential oil isolates. Some plant experience in this particular line preferable but of less importance than sound chemical knowledge, common sense, ability to handle men and inclination to work. Box 308, DRUG & CHEMICAL MARKETS.


SALESMEN—Calling on drug stores, wholesale and retail, hospitals and physicians, good side line proposition. Pocket samples. 25% commission. Warren Products Co., 265 Canal Street, New York.

CHEMIST WANTED—Thoroughly qualified to manufacture practically Hydron Blues and Ethyl Carbazole. Theorists will please not reply. Box 296, DRUG & CHEMICAL MARKETS.

SALESMEN—Calling on drug trade and hospitals, well introduced pharmaceutical specialties, good sellers, as a side line. Liberal commission. Box 300, DRUG & CHEMICAL MARKETS.

SALESMAN WANTED—Man thoroughly familiar with Potato starch, dextrine, with large following among the textile, chemical and provisions trade. Give full information in first communication. Box 304, DRUG & CHEMICAL MARKETS.

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We have New York City and vicinity as well as few other good territories to offer a few good men selling our transparent Nitrocellulose Sheet, Soluble Cotton and Soluble Cotton Solutions to industrial users. Apply by letter only which will be considered confidential. Eastman Chemical Corporation, 343 State Street, Rochester, N. Y.

WELL-KNOWN concern manufacturing and selling sizing and finishing compounds, will engage one or two men experienced in this line, preferably those having some mill acquaintance. Address your reply to Room 1007, 7 East 42nd Street, New York.

Well known crude drug house desires one or more traveling representatives on salary or commission basis. Must be energetic and a business getter. Good opportunity for right party. Out of town eligibles invited to write. Only first class men need apply. For interview address Box 302, DRUG & CHEMICAL MARKETS.

TECHNICAL CONTROL CHEMIST—Exceptional opportunity for man thoroughly experienced in practical plant operation and control of dyes, intermediates and chlorinated products. Sound engineering and resourceful research ability desirable. Box 297, DRUG & CHEMICAL MARKETS.

SALESMAN WANTED to sell perfumery and soap manufacturers. Experience, energy and personality necessary. Write fully in confidence with references and salary expected to Box 295, DRUG & CHEMICAL MARKETS.

SITUATIONS WANTED

GRADUATE Chemist (Cornell 1915). Executive. Thirty and married. Had seven years varied experience. Last five superintendent of plant. Desires position preferably on sales force and to act as consultant on plant problems. Address Box 290, DRUG & CHEMICAL MARKETS.

YOUNG competent chemist, one year's experience with large soap manufacturer, four years with large vegetable oil refinery, age twenty-five, B.S. in chemistry, desirous of position offering opportunity of plant work. Address Box 291, DRUG & CHEMICAL MARKETS.

TECHNICAL SALESMAN—Employed, desires connection with importer or broker. Thoroughly reliable and has extensive acquaintance with consumers of industrial chemicals. Box 303, DRUG & CHEMICAL MARKETS.

PERFUMER & CHEMIST—American Citizen, educated in Germany—twenty years experience—thorough knowledge of manufacture of Soaps and Toilet Preparations—creator of new and attractive products—can furnish very fine references here and abroad. Speaks French, German, Spanish and English—desires position. Box 298, DRUG & CHEMICAL MARKETS.

PLANT EQUIPMENT

FOR SALE—One Proctor & Schwartz Tunnel Drier with trays without trucks. Will hold 12 trucks. Main body 17 ft. 6 in. long, 15 ft. wide, 7 ft. 3 in. high. Bob White Chemical Corp., 39 Broadway, N. Y. C.

FOR SALE—One Shriver Filter Press, 36 in. square, center feed, open delivery. Bought new and never set up. Bob White Chemical Corp., 39 Broadway, N. Y. C.

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FOR SALE—Sodium Salicylate, Sodium Bromide, Acetyl Salicylic Acid, all 5 grain tablets in bottles, standard makes, very low prices. Address Box 287, DRUG & CHEMICAL MARKETS.

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MISCELLANEOUS

ASK THE Bureau of Employment of the Chemists' Club (Agency) 52 East 41st Street, New York City. If you need a chemist (man or woman) for the laboratory or works if you wish a position for the practice of your profession. No charge to employers. Moderate fee to applicants. Prof. Herbert R. Moody, Chairman Club Committee.

FOR SALE—Complete bound Sets Journal Soc. Chemical Industry, Journal Chemical Soc.—London, The Analyst—London, Chemical News, "Berichte" Vol. 1-4 (1868-71). Trans. Amer. Electro Chem. Soc. and others. Box 288, DRUG & CHEMICAL MARKETS.

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Darco Sales Corp.	Pfaltz & Bauer
Diamond Alkali Co.	The Selden Co.
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Ellis Jackson & Co.	Semet Solvay Co.
B. G. Feinberg	E. M. Sergeant Co.
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Industrial Chemical Co.	Will & Baumer Candle Co.
Innis Speiden & Co.	Isaac Winkler & Bro. Co.
International Salt Co.	Jacques Wolf & Co.

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Baird & McGuire	Jose Lopez
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Carbide & Carbon Chem. Corp.	May & Baker
Chicago Starch Co.	Meteor Products Co.
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Commercial Solvents Corp.	The Miner-Edgar Co.
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Darco Sales Corp.	Clarence Morgan & Co.
J. E. Dockendorff & Co.	N. Y. Quinine & Chem. Works
The Dow Chemical Co.	Perth Amboy Chem. Wks.
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Chemical Trade Journal	The Yakugyo Shuho

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Passaic, New Jersey

3

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NEW YORK
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U. S. Industrial Alcohol Co.

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27 WILLIAM ST., NEW YORK

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E. Fougere & Co.	511
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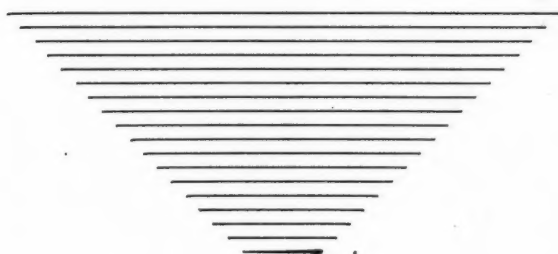
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